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Special Report: Giant Screen and IMAX Theaters in 2015

As of January 1, 2016, the world's total of IMAX and giant-screen theaters stood at 1,161, up from 1,032 at the start of 2015, a net increase of 129, or 12.5%. Last year, 136 new theaters opened, 22 theaters converted to digital (13 of them to laser-illuminated systems), and ten theaters closed.

All of the new screens were IMAX digital theaters, all but two of them in multiplexes, including two brand new laser installations. The two new institutional theaters are in the **Papalote Museo del Nino** in Monterrey, Mexico, and the **Liaoning Science and Technology Museum**, which opened in Shenyang, China, in February 2015.

At the start of this year, there were 923 multiplex, 201 institutional, 26 commercial standalone, and 11 theme park theaters. The total of 238 non-multiplex, giant-screen theaters is down by five (2%) from last year's count, and down by 39 (14%) from the peak of 277 in 2015.

There were 990 digital screens, (17 of which are laser powered), 147 venues with 15/70 film systems (of which 51 also have digital projection), 24 8/70 film theaters (seven with digital), and six 10/70 film systems still in use.

The number of true giant-screen theaters (as defined by the **Giant Screen Cinema Association**) dropped by just one from 283 last year to 282 this year, remaining in the same general range it has maintained for more than a decade. (*See page 11 for a description of what we count.*)

All giant-screen and IMAX theaters in 2015

Operator	Opened	Closed	Net	Total
Commercial		1	-1	26
Multiplex	134	3	131	923
Theme Park				11
Institutional	2	6	-4	201
Total	**136**	**10**	**126**	**1,161**

Openings, closings, conversions

Openings. Imax Corporation placed 136 new theaters in 27 countries last year, with the majority (75 or 55%) in China. In contrast, only ten new IMAX theaters opened in the U.S., seven in the U.K, and five each in Japan and Russia. The company opened its first theaters in six countries in 2015: Angola, Chile, Dominican Republic, Estonia, Pakistan, and Vietnam. (*See the full list on page 14.*)

As of the first of the year there were 1,061 IMAX theaters in 67 countries, 930 in multiplexes, 107 in institutions, 18 in commercial standalone theaters, and six in theme parks. (Imax Corporation's official count breaks out these segments differently than we do.) The U.S. still leads the world in IMAX theaters, with 390, but China is closing fast with 307, up from 232 as of Jan. 1, 2015. The next closest countries are Canada, with 44, and Russia and the U.K., both with 41.

Closures. Eight theaters literally closed, and the following two stopped using their 70mm film projectors in favor of a non-GS system. The planetarium at the **Cook Center** at Navarro College in Corsicana, TX, "permanently retired" its 19-year-old **MEGAsystems** 8/70 film projector, according to director **Bruce Brazell**. It continues to use an **Evans & Sutherland** Digistar II system, installed in 2008 on its 59-foot (18-meter) dome. And in Sulphur, OK, the **Chickasaw Cultural Center** has scrapped the **Cinema Development Company** 15/70 projector that was installed when the building opened in 2011. As we have reported previously, the center had planned on producing a signature GS film, but that project fell through. The 15/70 system was never used, and the 350-seat multi-use theater only shows films in 35mm and 2K digital.

The eight actual closings included several on which we have reported over the past year, including the **Gateway Arch** in Saint Louis, MO, whose visitor center is undergoing a major redesign and renovation; **Planetron**, a 25-year-old planetarium in Dwingeloo, the Netherlands; the **Millennium Point Cinema** in Birmingham, UK, which had started life as an IMAX

*(see **THEATERS** on page 6)*

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Premiering in February and March

National Parks Adventure
Deadpool
Zootopia
10 Cloverfield Lane
The Divergent Series: Allegiant
Batman v. Superman: Dawn of Justice

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The Secret Journey Through The Hidden Mysteries Of Giant-Screen Movie Titles

by Rich Swietek

First impressions are critical. We all want to put our best foot forward — to stand out and separate ourselves from the crowd. So why is this not the case with the titles of giant-screen documentaries?

Arguably, the single most important determining factor in the success of any film, but especially a giant-screen documentary, is its title. So why then does there seem to be a repetitive uniformity and lack of drama to GS film title construction?

The word cloud you see here exemplifies this. *LF Examiner* created it to rank the top 50 words used in GS film titles* by their frequency of appearance. The larger the word, the more often it appears. Even the 50th ranked word appears three times. That's a lot of predictability, without much creativity.

I know it's not just me as the "creative marketing guy" saying this, because I've heard the same echoed by many theaters. Most importantly, I hear it from audiences.

In research conducted to help launch a new science center just a couple years back, families overwhelmingly agreed they judge all films with the same eye toward production and entertainment values. They expect to be wowed and drawn in, and it makes little difference whether the film is "educational" or "Hollywood." And this attitude applies equally to the title.

Particularly in this age of online listing and ticketing sites, where very often the only thing a potential audience member has to go on is the title, extra effort needs to be directed at coming up with great ones.

I do not believe this is an easy task. Having been involved in countless business, product, service, and project naming sessions, I'm well aware it's daunting to distill everything about a venture down to a single word or phrase. But there are best practices that can and should be followed to make the title work as hard as it can.

For instance, it's one thing to Google a title to see about ownership, or whether URLs already exist. But what about going a step further to see how many people actively search for a specific word or phrase each month — a good indication your title will be "discovered."

It's hard work to generate clever titles. We're not talking about overly creative titles that audiences will find hard to understand. But instead, can filmmakers offer up clear titles that also exude the kind of drama and emotion that will lead potential filmgoers, and maybe even some big sponsors, to say, "I'm in"?

So can we all make the concerted effort to shun the "adventures," the "mysteries," the "secrets," the "journeys," and the "discoveries" for more exciting and saleable options that truly grab consumers? The alternative only leaves films falling flat before anyone ever get the chance to enjoy them.

** The complete list includes some 300 GS films released between 1970 and 2016, excluding those under 20 minutes long and over 60 minutes (i.e., Hollywood films).*

Rich Swietek is principal of Friendly Giant Marketing. Anyone wishing to talk titles with Rich can reach him at rswietek@friendlygiantmarketing.com, on Twitter @FriendlyGiantME, or on Facebook at the Friendly Giant Marketing page.

In Memoriam: Colin Low

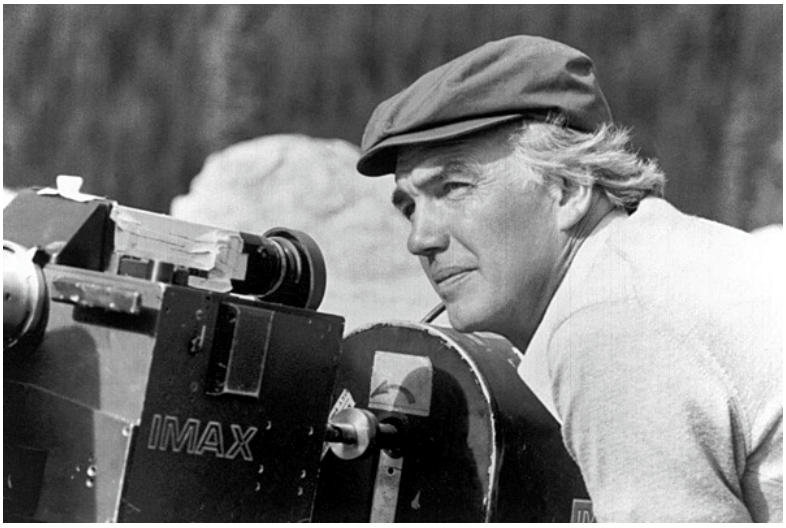
Filmmaker and giant-screen pioneer **Colin Low** died on Feb. 24 at the age of 89. Director of four giant-screen films, including the first IMAX 3D film and the only IMAX HD (48 fps) film, Low also contributed to four other GS projects. During a career at the **National Film Board of Canada** that spanned 50 years, he worked on more than 200 films, earning three Academy Award nominations (including the NFB's first) and winning two BAFTAs (the British Oscar), two Palmes d'Or at the Cannes Film Festival, and two Canadian Film Awards.

Two of Low's three sons, **Stephen Low** and **Alex Low**, followed him to become noted giant-screen filmmakers in their own right.

After graduating from the Banff School of Fine Arts and the Calgary Institute of Technology, in 1945 Low participated in a summer training program in animation set up at the NFB by legendary filmmaker **Norman McLaren**. Low was hired by the NFB in 1949 and became its head of animation in 1950.

In 1952, Low directed the animated short, *The Romance of Transportation in Canada*, which became the first NFB film to be nominated for an Oscar. It won a Palme D'Or and a special BAFTA. His 1957 film about the Klondike Gold Rush, *City of Gold*, co-directed with **Wolf Koenig**, used slow pans and zooms across archival photos, a practice filmmaker **Ken Burns** later cited as the inspiration for the technique that now bears his name. Low's 1960 film *Universe* influenced **Stanley Kubrick** as he was preparing to make ***2001: A Space Odyssey***. Kubrick asked Low to work on the feature, an invitation that Low declined because he was already committed to working on ***Labyrinth***, a revolutionary multi-screen presentation for **Expo '67**. However, Kubrick used some of Low's ideas in *2001*.

Low and NFB colleagues **Roman Kroitor** and **Hugh O'Connor** developed *Labyrinth,* an innovative multi-theater and multi-screen project that used synchronized film projectors in unconventional configurations to convey an allegorical look at human experience. Visited by more than 1.3 million visitors to the Montreal world's fair, it received wide critical acclaim and influenced many filmmakers, including several Hollywood directors, to experiment with multi-screen techniques.



Colin Low, filming with the IMAX 3D rig for Transitions*, circa 1985.*

The complexity and challenge of making and presenting multi-screen shows would lead Kroitor and **Graeme Ferguson** to invent the IMAX format, so they could shoot with a single large-format camera and project with a single projector. In 1970 Low assisted Kroitor in making the first film in the new format, ***Tiger Child***, as did his son, Stephen, then only 19 years old.

Ten years later, Colin Low would direct the giant-screen film ***Atmos*** (1980), followed by the first film shot in 15/70 3D, ***Transitions*** (1986), co-directed with **Tony Ianzelo**, for the Canadian pavilion at **Expo '86** in Vancouver. In 1992 he and Ianzelo teamed up again to co-direct another giant-screen first, ***Momentum***. Produced for **Expo '92** in Seville, Spain, it was the first and only film shot in 15/70 at 48 fps, a format Imax called IMAX HD.

Low directed his last film in 2000: "the richly layered, autobiographical *Moving Pictures*, in which a master filmmaker explores the parallels between the mass production of weapons and technology of cinema," according to the NFB Web site.

Low is survived by his wife Eugenie and sons Ben, Stephen, and Alexander.

LF Examiner has heard from many of Colin Low's friends and colleagues. **Pietro Serapiglia** wrote, "I have known Colin Low since I was 18 years of age, when I first started at the National Film Board of Canada. Colin always greeted me with love, understanding, and encouragement, and inspired me to be the best I can be. I am so grateful to have known him all these years. And now working with his sons, Stephen and Alex, is an extension of Colin's legacy and inspiration."

Daniel White, of **Big Films, Inc.**, said, "When I first met him I was a very wet-behind-the-ears 27-year-old lunatic and he would have been 61, seasoned and wise. He was the first filmmaker I had ever worked with and he proved to be a lifelong friend and mentor. Colin treated everyone like they were special and that's because he had such a special way of looking at his fellow man. He had an immense capacity for compassion and was always extremely generous with his advice and time."

Steven Morris recalled, "It was my pleasure to work with and to know him, and I am a better man for the experience. In a moment of existential discouragement when I thought I would never finish [a project I was working on], Colin intervened and salvaged my will. My favorite memory was walking with him in Tokyo, when he pointed to a nondescript office building and said, 'That is where the IMAX team worked [on *Tiger Child* in 1970.] Forty-eight hours before we went

*(see **COLIN LOW** on page 16)*

National Film Board of Canada

Imax: $1 billion box office in 2015

On Feb. 24, **Imax Corporation** posted its financial results for the quarter and fiscal year ended Dec. 31, 2015, including a record $1 billion in global box office for the year, and surpassing 1,000 operating IMAX theaters worldwide.

For the fourth quarter the company reported a profit of $22.5 million ($0.32 per diluted share) on revenues of $119.3 million, up from a profit of $21 million ($0.30 per diluted share) in the last quarter of 2014. For the year, Imax earned a profit of $55.8 million ($0.78 per diluted share) on revenues of $373.8 million, up from $39.7 million ($0.56 per diluted share) on revenues of $290.5 million in all of 2014.

The company signed deals for 138 new theater systems in 2015, five of which were upgrades, compared to 118 (14 upgrades) in 2014. It installed 154 systems in 2015, including 18 upgrades, up from 121 (eight upgrades) in 2014. Current backlog stands at 357, compared to a backlog of 370 at the end of 2014.

As of Dec. 31, 2014, the total number of IMAX theaters stood at 1,061, of which 943 were in multiplexes. (*See the special report on theaters starting on page 1 for more details about theaters in 2015.*)

Despite the positive results, shares of Imax fell 11% on the day after the report, from $32.15 to $28.50, as investors appeared to have expected a higher earnings number. The company had previously jumped nearly 20%, from $25.99 to $31.00, on news that **Marvel's *Deadpool*** had set a record for a February opening, with a global four-day take of $27.5 million.

In a conference call, CEO **Richard Gelfond** pointed out that the $1 billion in box office represented a year-over-year increase of 31% for IMAX theaters, where overall box office in conventional theaters had only grown 4%. Domestic IMAX box office grew by 32%, compared to 7% for the rest of the industry. In China, IMAX theaters outperformed conventional exhibitors by five points (54% growth vs. 49%), and in the rest of the world IMAX box office grew by 13% compared to flat for the overall industry.

IMAX tickets accounted for about one third of all advance sales for ***Star Wars: The Force Awakens***, according to Gelfond, and for the opening weekend represented 12% of all domestic tickets and more than 10% of all tickets worldwide.

Futuroscope's Kinemax theater will switch to IMAX laser in April.

The per-screen average for IMAX multiplex theaters in 2015 was $1.15 million, a 13% increase over the 2014 number.

More theaters go digital or laser

In addition to the four theaters we mentioned in last month's Biz section, at least four more are currently in the process of switching to laser projection; two others are switching from film to standard xenon digital.

As we reported in December, the **Kinemax** IMAX theater at **Futuroscope**, the theme park of the moving image near Poitiers, France, is replacing its 29-year-old GT 2D IMAX film projector with a laser system in the off season, and will reopen the striking crystalline building in April. The theater is one of six IMAX venues on the site, including a 4D ride.

Also in Europe, the IMAX theater at Germany's **Auto and Technik Museum Sinsheim** closed on Jan. 11 to begin the process of replacing its 20-year-old GT 3D projector with the IMAX laser system. The 350-seat theater reopened on March 1.

The **Victoria IMAX Theater** in British Columbia, Canada, closed on Feb. 15 for two weeks to upgrade to IMAX laser. The 18-year-old theater, operated by **Destination Cinema, Inc.**, will replace its first-gen IMAX digital system, installed in May 2014, but will keep the original GT 2D film projector to use along side the laser system. The theater will also get new seats during the process.

In Branson, MO, **Branson's IMAX Entertainment Complex** began the process of replacing its 22-year-old 2D GT projector with the next-gen IMAX laser system in mid-January. In addition to the new projection and 12-channel sound systems, the $1.7 million renovation will include implementing reserved seat ticketing and installing new premium seats in "three styles of comfort," according **Randy Brashers**, the center's VP of administration and operations. The top-tier "VIP section" will feature customizable electric recliners, and even the lowest tier seats will be 24 inches (600 centimeters) wide or wider. The changes will lower the seat count from the previous 534 to 380 when the theater reopens in mid-March.

On Jan. 25, the **IMAX Theater** at the **Indiana State Museum** in Indianapolis closed to install a first-gen IMAX 2K digital system alongside its 19-year-old GT 3D system. When it reopened on Feb. 10, it returned to screening the 15/70 version of ***Star Wars: The Force Awakens***, being one of only a handful of theaters in the world that got a film print of the blockbuster.

Finally, the IMAX theater at **The Henry Ford** in Dearborn, MI, opened in 1999

with a GT3D 15/70 projector that it operated until the end of 2015. **D3D Cinema** is currently installing a new digital system with dual **Christie** 4K projectors, **MasterImage** 3D, a **QSC** 5.1-channel sound system, and a new screen from **MDI**. The new screen will use the full 85-foot (30-meter) width of the auditorium, although it will not be as tall as the original IMAX screen, reflecting the shorter digital aspect ratio. The theater will get new carpeting and wider seats, dropping from the current count of 442 to 408. When it reopens in April, the theater will be known as **The Henry Ford Giant Screen Experience.**

Senior director of guest operations **Amy Louise Liedel** tells *LF Examiner* that the museum considered a laser system, but decided against it for now. The Christie system can be upgraded to laser.

Imax theater deals

Imax Corporation has announced deals for nine theaters in Europe, the Middle East, and Japan. In Europe, **Pathé's Cinema Gaumont** will install five IMAX system in theaters in France and Switzerland, bringing to 17 the chain has contracted to build, of which 12 are currently open. Two theaters in France will get laser systems: a new location in La Valette-du-Var in the southeast, and the existing Cinéma Gaumont multiplex in Montpellier. (The latter had an IMAX auditorium equipped with a GT 3D film projector from 1998 to 2001.) The remaining three systems (all xenon-powered 2K) will be placed in Pathé locations in Ebikon, Spreitenbach, and Riddes, Switzerland.

In the United Arab Emirates, **World Media Holdings** will install two IMAX theaters in new multiplexes in Abu Dhabi and Sharjah, the country's third largest city. The company, which operates 107 screens at 11 locations in the Middle East, had previously contracted for an IMAX theater in Doha, Qatar.

Japan's **T-Joy Co. Ltd.**, a subsidiary of **Toei Company Ltd.**, will open two IMAX theaters in existing complexes in Tokyo and Yokohama. It is Imax's first theater deal with Toei, which is one of the largest exhibitors in the country, and a leading film producer and distributor. (The companies have made IMAX distribution deals for two of Toei's ***Dragon Ball Z*** films.)

Houston planetarium gets E&S 8K

The **Burke Baker Planetarium** at the **Houston Museum of Natural Science** in Texas is in the process of installing the world's first "True8K" digital fulldome system, a Digistar 5 by **Evans & Sutherland**. The system will feature ten laser-illuminated Sony 4K projectors, projecting an image with 50 million unique pixels (after duplicate pixels from blending are discounted), about 25 times the information contained in a standard 2K movie frame, and 5.7 times that of a 4K giant-screen frame. (Previous fulldome systems marketed as "8K" generally provided about 30 million unique pixels.)

The 50-foot (15.2-meter) dome theater first opened in 1964 and seats 200. Its first digital system was installed in 1990, and according to a press release the new system will have seven times more resolution, five times more brightness, and 13 times more contrast than the one it is replacing. The renovation also included a new NanoSeam dome from E&S subsidiary **Spitz, Inc**. The planetarium reopens on March 11.

Imax, Discovery TV deal

Imax Corporation and **Discovery Communications** have announced a "distribution and marketing partnership" that will provide the Discovery Channel with "18 months of exclusive paid global television rights for up to ten IMAX documentary films" being supported by the IMAX Original Film Fund, according to a press release. The cable channel will "consult on development, production, and marketing" of the films, and play them after their initial theatrical releases.

The first film supported by the fund will be **Terence Malick**'s ***Voyage of Time***, which is expected to premiere in IMAX theaters in the fall.

Imax, Discovery, and **Sony** were partners in the abortive **3Net** cable channel, which operated from 2011 to 2014.

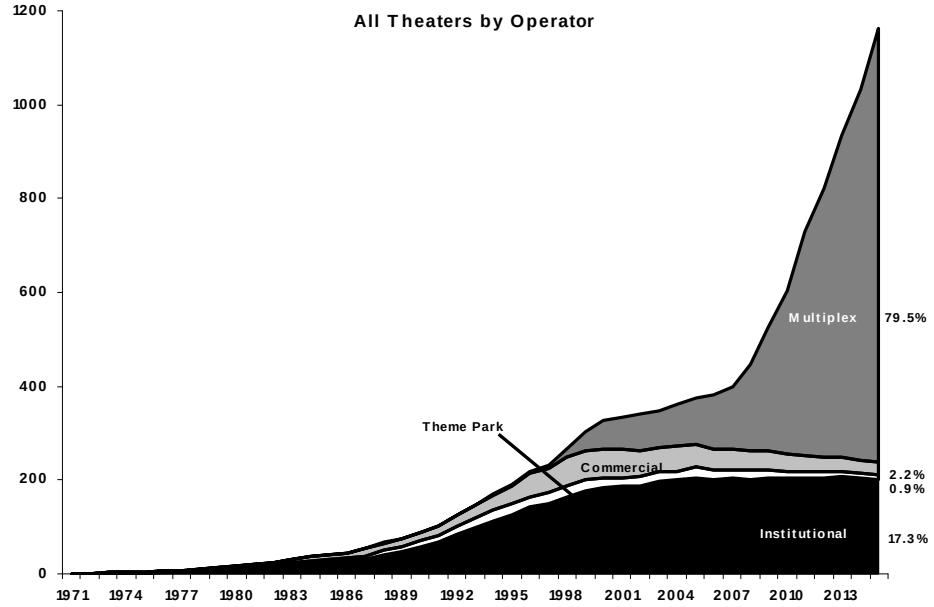
PA museum to pay Imax $366K

A federal judge has ordered the **Whitaker Center for Science and the Arts** in Harrisburg, PA, to pay $365,906 to **Imax Corporation** for breaching the contract for its IMAX film system. As we have reported previously, after the Center replaced its IMAX film projection system in the fall of 2014 with a digital system, Imax sued for breach of contract, claiming the museum owed it the minimum rent due through the end of the contract in September 2019. Whitaker argued that it had upgraded its reel unit in 2004 to be able to show Hollywood 3D films, and asserted that Imax should have known that it would not be usable for that purpose through the end of the term. (IMAX film prints of Hollywood movies have become increasingly rare since the introduction of the IMAX digital system in 2008.) In January 2016, the judge ruled in Imax's favor.

Absent on *Beautiful Planet* poster

Sharp-eyed observers (like journalist **Joseph Kleiman**, who alerted *LFX*) may have noticed that the new poster for **Imax Corporation**'s next space film, ***A Beautiful Planet***, includes no reference to production partner **Walt Disney Studios**.

In response to a query from *LFX,* Imax's senior VP for corporate communications, **Ann Sommerlath**, explained that the absence of the Disney name did not signify any change in the studio's involvement. "Disney continues to be an investor in the production." She added that, "in terms of the poster, given our brand's history in the museum and science center theater network, the partners decided the film should be marketed and distributed by Imax under the banner of 'An IMAX Entertainment Presentation.'"



*(from **THEATERS** on page 1)*

theater in 2001 and converted to **Barco** digital ten years later; and the **63 City** theater in Seoul, South Korea, which opened as an IMAX theater in 1985 and switched to **NEC** digital in 2010. Also in South Korea, the IMAX theater in the **Imagination Pavilion** at the **Expo Science Park** in Taejeon closed for the third time in 23 years. It has been open and closed, for stretches of several years each, three times since its opening at Taejeon's 1993 world's fair. Finally, at least two multiplexes containing IMAX theaters closed, one in Illinois and another in Bangkok, Thailand.

Conversions. Twenty-one GS theaters converted to or added digital projection in 2015. Three added digital to their existing film projectors: the **Clay Center for the Arts and Sciences** in Charleston, WV, last year added a fulldome system to the MEGAsystems 8/70 projector installed in 2003; the **Eugenides Planetarium** in Athens, Greece, put in an **Evans & Sutherland** Digistar 3 fulldome system to augment its 11-year-old CDC 15/70 system; and the **AMC Loews Metreon** in San Francisco installed an IMAX laser system alongside its 16-year-old IMAX GT3D projector for the GSCA's conference last fall. It was the only theater in the world with both 15/70 film and laser projection until Canada's **IMAX Victoria** in the **Royal BC Museum** reopened after installing IMAX laser in early March.

The CDC 15/70 projector at the Eugenides Planetarium in Athens, Greece.

Two museum theaters switched from IMAX film to the first-gen (xenon-powered) IMAX digital system: the **Bullock Texas State History Museum** in Austin, and the **National Media Museum** in Bradford, U.K. Twelve theaters with IMAX film switched to IMAX laser in 2015, including four in museums: the **Smithsonian**'s **Steven F. Udvar-Hazy Center** in Chantilly, VA; the **Pacific Science Center**'s Boeing IMAX Theatre in Seattle, WA; **Telus World of Science Edmonton** in Canada; and the **IMAX Theatre Melbourne** at **Museum Victoria** in Australia. The remaining eight IMAX laser conversions were in multiplex theaters in the U.S., Germany, Britain, and New Zealand.

Three IMAX theaters dropped the IMAX brand and switched to non-IMAX digital. The **National Infantry Museum** in Columbus, GA, removed its six-year-old IMAX SR system for a **Christie** laser system; in New Orleans, the **Audubon Nature Institute**'s Entergy IMAX Theatre became the **Entergy Giant Screen Theatre** with the installation of a dual Christie 4K (xenon) system; and Taiwan's **National Science and Technology Museum** dropped its 18-year-old IMAX GT3D projector for a single Christie 4K unit.

In Clermont Ferrand, France, **Vulcania**, the theme park and education center on the volcanoes of Auvergne, traded its 13-year-old 8/70 film projector for a Christie dual-4K setup.

Two theaters in Japan — the **Fukui Children's Science Centre** and the **Osaki Life Learning Center** — scrapped their **GOTO** 10/70 projectors in 2015, in favor of digital fulldome systems that they had installed previously.

Although the figures cited in this report are as of the first of the year, it should be noted that at least eight theaters are in the process of switching to digital projection right now: the **National Naval Aviation Museum** in Pensacola, FL, is switching from IMAX film to a single-projector Christie laser system installed by **D3D Cinema**.

The following five theaters are switching from IMAX film or digital to IMAX laser: the **National Air and Space Museum**, Washington, DC; **Tennesee Aquarium**,

*(from **FILMS** on page 6)*

Chattanooga, TN; **Science North**, Sudbury, ON; **Auto and Technik Museum Sinsheim** in Germany; and the **Dongguan Wanda & IMAX** in China.

Two more are switching to xenon-lamped digital: **The Henry Ford** is dropping IMAX for a Christie 4K system installed by **D3D Cinema** and the **Indiana State Museum** in Indianapolis is adding first-gen IMAX digital to its 15/70 booth.

Film theaters

As of Jan. 1, 2016, 177 theaters worldwide were equipped to run one of the three GS film formats, including 59 that also have digital projection: there were six theaters with the **GOTO** Astrovision 10/70 system; 24 theaters with 8/70 film (including seven that also have digital); five CDC 15/70 theaters (two with digital); and 142 IMAX 15/70 houses, of which 49 also have a digital system of some kind. The majority (31) of these last have an IMAX first-gen digital system, although six dome theaters have a fulldome system and/or an insert video projector as well as IMAX film. Three theaters — the **Cradle of Aviation Museum** in Garden City, NY; the **Milwaukee Public Museum** in Wisconsin, and the **Swiss Transport Museum** in Lucerne — have dropped the IMAX branding of their theaters, but continue to use their IMAX 15/70 projectors, which they had purchased outright, alongside digital systems.

Like these three, **Moody Gardens**, in Galveston, TX, dropped the IMAX brand a few years ago, and retains its IMAX 15/70 GT3D projector, but the machine has been decommissioned; it would take significant effort to restore it to operating condition, so it is not counted in our tally. The same is true of the IMAX theater at **AMC Universal Citywalk** in Los Angeles, which is hosting the GSCA's **Film Expo and Filmmakers' Symposium** this month.

The worldwide count of GS film projectors has dropped by 23 since the beginning of 2015, when it stood at 200: two 10/70 machines, three 8/70, and 18 15/70 systems have been removed or decommissioned.

The peak year for GS film projectors was 2007, just before the first IMAX digital system was introduced in 2008. That year, 396 GS film systems were operational.

The current total of 177 GS systems may actually be overstated, particularly in the area of 8/70 theaters. At least six theaters we attempted to reach did not reply to our repeated e-mails and phone calls requesting information on the status of their projection systems. The number of working 8/70 systems could be as low as 18.

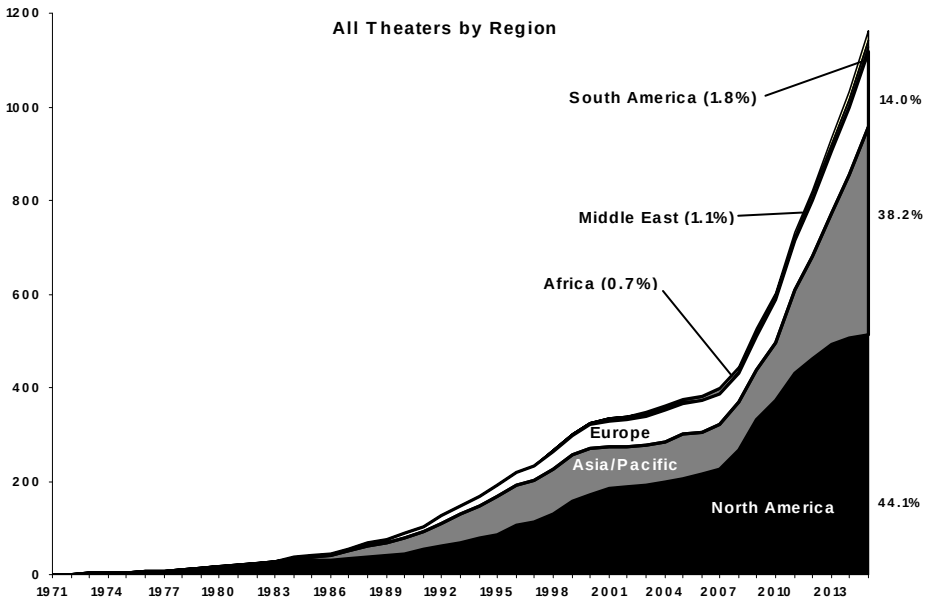
In February, IMAX laser projectors were installed alongside the 1570 projector at IMAX Victoria in Canada's Royal BC Museum.

The six operating 10/70 theaters use projectors developed by Japan's **Goto Optical Manufacturing Co.** in the mid-1980s to complement its electro-mechanical planetarium projectors. A total of 35 such systems were installed between 1985 and 2009, the majority in Japan. The films they showed were all cross-printed from 8/70 or 15/70, and in many cases were signature films produced specifically for a single theater which ran only that film. However, at least 55 films shot in 15/70 by leading GS producers were distributed on 10/70 prints over three decades. Today at least 16 former 10/70 theaters have digital fulldome systems, mostly by GOTO.

Three of the six extant 10/70 theaters are located in India; Bangladesh, China, and Egypt have one each.

The 8/70 format was a significantly

*(see **THEATERS** on page 8)*



The Strasenburgh Planetarium at the Rochester Museum and Science Center in upstate New York .

*(from **THEATERS** on page 7)*

more popular alternative to IMAX than 10/70. Unlike 15/70, which was patented by and available exclusively from Imax Corporation from its introduction in 1970 until 1993, 8/70 projectors were available from a number manufacturers between 1987 and 2007. At least 136 were installed in GS theaters in that period, most by **Iwerks Entertainment** (now **Simex/Iwerks**). They were significantly less expensive than 15/70, could be purchased outright without a lease or licensing contract, and were better suited to smaller venues. In general, such institutions have been less likely than their counterparts with IMAX systems to be able to upgrade to the latest digital systems.

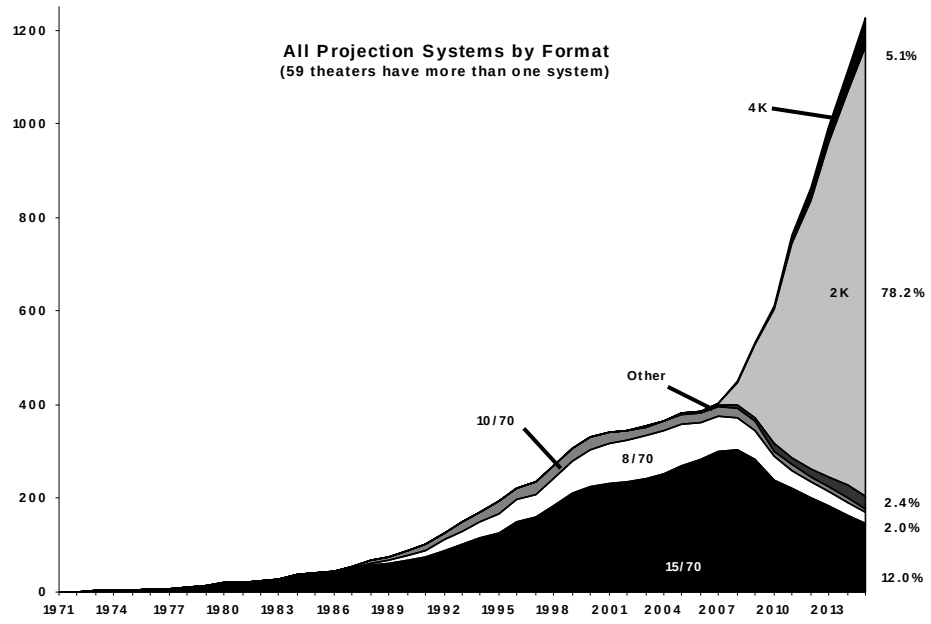
Over 125 titles from GS distributors were released on 8/70 prints. However, few new titles have been printed to 8/70 in the last few years, so those theaters mostly show library titles from the "golden age" of GS filmmaking, augmented in some cases by planetarium shows.

Destination Cinema, Inc., is the most successful 8/70 theater operator. Two of the five theaters it runs continue to show 8/70 prints of their signature films every day. The **Niagara Falls Adventure Theater** in New York and the **Hearst Castle Theater** in San Simeon, CA, both show 8/70 prints of films that DCI produced about their respective attractions. The company's IMAX theaters at the Grand Canyon and on the Canadian side of Niagara Falls continue to show 15/70 films. Both Niagara theaters are showing 1987's ***Niagara: Miracles, Myths, and Magic***, directed by **Kieth Merrill**.

DCI president **Bob Perkins** says that he expects to convert all four to digital in the next three to four years. The fifth, the IMAX Victoria in the Royal BC Museum, installed a first-gen IMAX digital system alongside its 15/70 film projector in 2014, and, as mentioned above, is in the process of switching to IMAX laser now.

A few other venues, like the **Strasenburgh Planetarium** at the **Rochester Museum and Science Center** in upstate New York, use their aging 8/70 system on a daily basis. Most would like to switch to digital, but struggle to find the funds. Asked by *LFX* about recent upgrades to his theater, Strasenburgh's **Steve Fentress** mentioned that he had "replaced old argon and krypton gas lasers with small solid state lasers. Result: much brighter and more color-saturated laser shows." He then added this wry comment on the tight financial straits of many smaller museums and science centers: "Also applied black gaffer's tape to cracked upholstery on operator stool. Searched out and discarded dried-out Sharpie markers and non-functional ballpoint pens at control desk." The planetarium is seeking donors to fund an upgrade to a digital fulldome system.

Some theaters use their 8/70 systems very sparingly. **Heidi Glorioso**, planetarium coordinator at the **Kenner Planetarium and Megadome Cinema** in Kenner, LA, told us that she used the 12-year-old MEGAsystems projector last August to commemorate the tenth anniversary of Hurricane Katrina with screenings of **MacGillivray Freeman Films'** ***Hurricane on the Bayou***, "but that has been the only time since our last regular use of it in 2013. We may do this every August if [the projector] continues to operate, but that remains to be seen." For daily shows, she



uses an **ePlanetarium** digital system on the 55-foot (17-meter) dome.

Dual projection

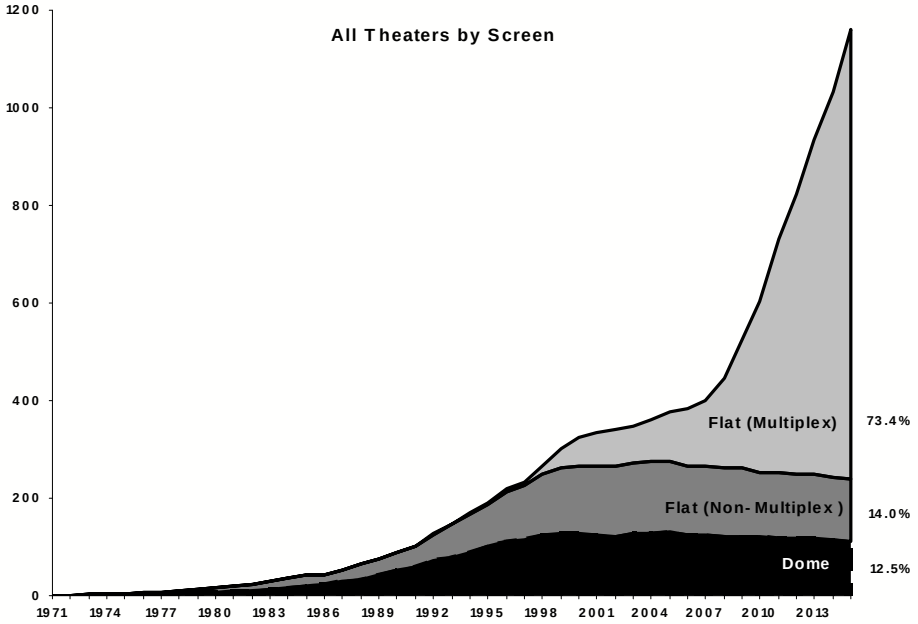
A surprisingly large number of multiplex IMAX theaters — as many as 35 — retain their 15/70 film projectors alongside an IMAX digital (xenon or laser) system. This is probably in large part thanks to director **Christopher Nolan**. As we reported in 2012 (*see May-June 2012*), before ***The Dark Knight Rises*** opened in July of that year, Nolan got **Warner Bros.** to agree that the movie would be booked in 100 IMAX film theaters. (Over an hour of the film had been shot on 15/65 film.)

However, by that time, most multiplex IMAXes had replaced their 15/70 projector with the first-gen IMAX digital system. Nolan's demand forced Imax Corp. and Warner to spend several million dollars to reinstall dozens of film machines. In most cases, the projector was still in the booth and had simply been disconnected and moved out of the way. But since those theaters still needed to use the IMAX digital system, rail systems were installed that allowed for relatively quick switching between the two.

But after that the trend of removing or decommissioning 15/70 systems in multiplexes continued, and by the time Nolan's ***Interstellar*** (also with more than 60 minutes of 15/65 footage) opened in November 2014, it got fewer than 60 bookings in 15/70 theaters, about half of them in multiplexes.

However, it would appear that a significant number of those theaters have kept their 15/70 projectors in place and operational, despite the fact that no DMR film since *Interstellar* has had as wide a 15/70 release. For all the furor surrounding ***Star Wars: The Force Awakens***, only 16 film prints were struck, and none of them played in a multiplex. (Only one brief sequence of *Star Wars* was shot on 15/65 film.)

According to our records, 35 multiplex theaters still have both IMAX film and digital capability. In preparation for this article we tried to reach all of them, and were able to confirm that about half of them still have an operational film projector. Only five told us that the 15/70 system was gone, and they are not included in the count of 35.



It seems that the exhibitors are expecting at least one more 15/70 release, and once again it is a Chris Nolan production. Although several films are currently using IMAX digital cameras, only Nolan is shooting on 15/65 film. ***Dunkirk***, a WWII drama, is set for release in July 2017. **Colin Trevorrow**, director of ***Star Wars: Episode IX***, has said he will shoot that movie on film, possibly on 15/65. (*See item in Shorts on page 24.*)

Toni Myers' next space film, ***A Beautiful Planet***, was shot digitally, but will be released on film to institutional theaters. It is not clear how many multiplex theaters will book it, if any, or how many of them will get a film print rather than a DCP.

True giant screens

The **GSCA** has established the criteria for true "giant screens" as domes with diameters of at least 60 feet (18.3 meters) and flat screens that are at least 70 feet (21.3 meters) wide or have a total area of at least 3,100 square feet (288 square meters), and place all viewers closer than one screen width from the screen plane. According to this standard, there are at least 282 true GS theaters in the world today, roughly the same total we've reported for the last decade. This total includes 89 multiplex screens whose dimensions we have measured in person or which have been reported publicly.

Roughly 40% of the 282 true giant screens are digital only, another 40% are film only, and the remainder have both film and digital projectors. There are 16 laser systems, about 7.5% of the total. Two-thirds (191) have flat screens, and the rest are domes. Three-quarters (213) are IMAX theaters, and of them, the ratios are 40% film, 32% digital (xenon), 21% both, and 7% laser.

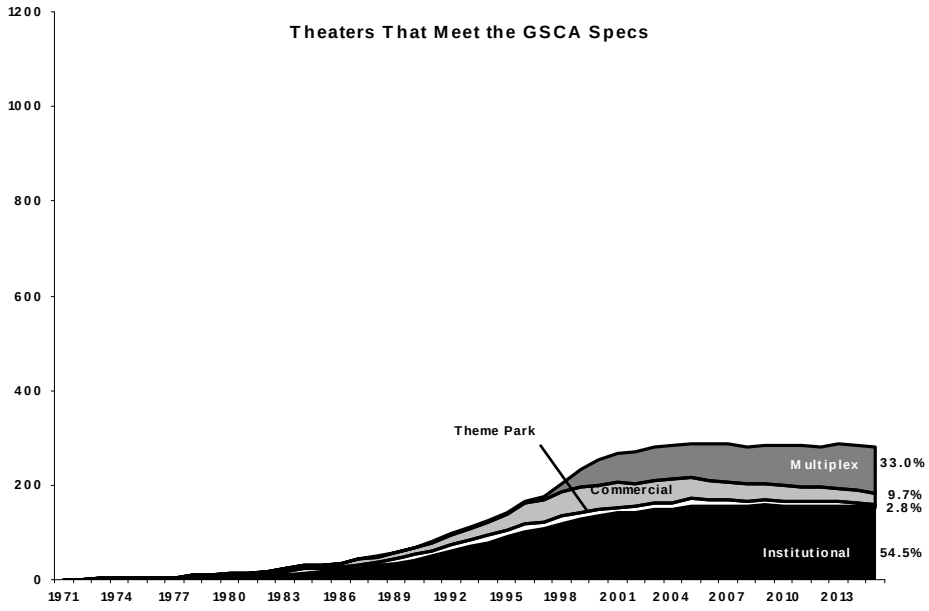
True GS theaters outside of multiplexes are slowly trending downward, with about 33 fewer today than a decade ago. However much of that loss has been in the standalone commercial and theme park segments. Institutional theaters, at 152, are down a little, but until this year remained between 154 and 158 for the last decade.

2D vs. 3D, dome vs. flat

Virtually all digital installations have 3D capability, including all of 2015's new theaters. As of Jan. 1, 3D screens accounted for nearly 90% of all IMAX and giant-screen theaters, including all multiplex theaters. Only 27 non-multiplex flat-screen theaters are 2D, including all 8/70 and 10/70 venues. Most dome theaters are 2D. Only five of the 107 domes has 3D

*(see **THEATERS** on page 10)*

Foxfire Interactive.



*(from **THEATERS** on page 9)*
capability.

Of the 238 non-multiplex theaters, 125 have flat screens, 110 have domes, and two are convertible between the two. The number of domes continues to decline slowly, three closing last year, down from the peak of 123 in 2005. The most recent new dome theater opened in 2012.

An interesting non-development in the dome world is the absence of any laser-powered dome projection system. Last year at this time, Imax Corporation said that it would roll out its dual-projector laser system for domes by the end of 2015, with the **Science Museum of Minnesota** slated to receive the first one. That has not happened, and there has been no public mention of the IMAX laser dome system since we reported the rumor last fall that the company was reconsidering its original design concept — two projectors at the rear of the theater — in favor of a simpler and cheaper option: one projector in the center of the dome (*see Shorts, September 2015*).

At about the same time, D3D Cinema and Christie Digital announced that they were developing a dome solution with a centrally located single projector that would be tested in the fall and installed this year. They, too, have been silent since then.

Projection on a dome poses a great many challenges, and the systems that have shown the best images to date have been 8K fulldome systems that offer frame rates of 60 fps or higher. However, in giant-sized domes they require four, six, or even more projectors, digitally stitched together. Although today's automatic stitching and blending systems are nearly flawless from picture quality and operations points of view, and real-time astronomy imaging systems provide astonishing programming options, fulldome systems have many downsides in comparison to the film projectors they are replacing in domes as well as digital GS projection systems for flat screens.

Chief among these is the greater expense of buying and running multiple projectors. Another factor, particularly for theaters wanting to show Hollywood films, is that no fulldome system is currently DCI-compliant. Even more troublesome is the fact that there is essentially no standard for distributing shows to fulldome theaters. Since most dome theaters have unique configurations of projectors, virtually every location needs a customized playback file for any show it wants to play. Most require the system supplier to create that file, adding to the expense.

The fulldome industry associations and the **GSCA** are working to establish standards for interoperability among dome theaters, but the process is just starting and will take time.

Imax's scorecard

To date, Imax Corporation has converted 20 non-multiplex IMAX film theaters to first-gen IMAX digital, and in 2015 switched (or is currently in the process of switching) 11 screens to IMAX with laser. Another five theaters have signed for the laser system but not installed it yet. Thus, as seen in the list on page 14, Imax has switched (or signed to switch) a total of 36 non-multiplex screens to one of its digital systems.

However, since 2008, 27 other former IMAX theaters have dropped the IMAX brand and switched to non-IMAX digital projection. Of these, five had purchased their IMAX film projectors and continued using them after they stopped using the IMAX name. There are another 17 theaters that could also be considered losses: they meet the GSCA's standard for giant screens and formerly had a non-IMAX film system. However, as we observed last year, 12 of the 17 are domes, for which Imax still has no digital solution.

So if we add the five flat screens to the 27 others, we see that, as this issue goes to press, Imax has won 36 and lost 32, an improvement over its standing this time last year, when it was tied 31 to 31.

The future of 70mm film

In preparation for this article, we sent e-mails to over 100 people at giant-screen theaters, asking them to participate in an online survey of their plans with respect to converting from GS film to digital. Twenty-five responded (twice as many as last year), representing eight countries and 12 U.S. states. Between them, they had 12 IMAX flat-screen theaters (five of them film), six IMAX domes (all film), three fulldomes, and two opto-mechanical planetariums. These results are not statistically representative of the whole GS market.

Eight of the 25 have already converted to (or added) digital, one has signed a deal to convert this year, and eight others expect to switch within one or two years. Four say they will switch in three to five years and only one expects to go digital in more than five years. Of those who haven't yet switched, nine have requested bids or information, but haven't made a decision yet, and four are only thinking about

it and haven't taken any major steps.

Asked what systems they are considering they responded:

IMAX laser:	19
Non-IMAX laser:	10
Fulldome:	5
IMAX xenon:	5
Non-IMAX xenon:	2

Their top criteria for a new system are:

Image quality:	16
Operating expense:	12
Availability of suitable content:	11
The IMAX brand:	10
Initial price:	6

Asked if they intended to keep their film projector alongside a new digital system, 14 said no, three said yes, and the rest weren't sure or didn't answer.

A few respondents offered additional comments on the future of film.

Tim Hazlehurst at **Marbles Kids Museum** in Raleigh, NC, which switched from IMAX film to the first-gen IMAX digital system in 2011, said, "We've been very happy with the presentation quality of our system, as have our guests."

At Fort Lauderdale, FL's **Museum of Discovery and Science**, CEO **Kim Cavendish** lamented, "It's very sad that all the digital systems use a smaller portion of the wonderful giant screen. [I'm] hoping that laser will rectify this, but unless filmmakers use the 4:3 ratio, it will be all for naught."

Richard Morrison of Australia's IMAX Theatre Melbourne said that he and his staff went to see **Quentin Tarantino**'s ***The Hateful Eight*** in 5-perf 70mm, "but after four months of seeing everything on our IMAX laser system, the [5/70] presentation was so under-whelming in comparison, with a dim and washed out image (not to mention 'shake in the gate'). Nostalgia is a funny thing."

What we count

This report counts all 15/70, 10/70, 8/70, and IMAX digital theaters; theaters that have converted from large-format film to digital; and a growing number of DCI-compliant digital theaters in museums. This yields a total, as of Jan. 1, 2016, of 1,161 theaters in 67 countries worldwide.

Not all of these meet the standards established by the Giant Screen Cinema Association for true giant screens: domes at least 60 feet (18.3 meters) in diameter, or flat screens that are at least 70 feet (21.3 meters) wide or at least 3,100 square feet (288 square meters) in area, with all seats placed less than one screen width from the screen plane.

We consider 280 of the 1,161 (26%) as meeting the GSCA spec.

A film theater is counted as long as it has the capability of showing one of the GS formats, even if it has stopped doing so on a regular basis. Only when the projector has been removed or disabled, and no qualifying GS replacement has been installed, do we consider the theater "closed."

Until 2008, when it introduced its first digital system, Imax Corporation regularly released lists of all IMAX theaters that included the dimensions of their screens. It no longer does so, which makes determining the count of true giant screens more challenging. *LF Examiner* has measured the screens of more than 124 theaters, including 89 multiplex screens, using a precise laser device. Some new digital multiplex screens meet the GSCA spec, usually because they were built specifically as an IMAX theater. However, very few retrofitted former 35mm theaters do. Their screens are usually too small and/or the auditoriums are too deep to meet all of the GSCA's criteria. Among the 89 multiplex IMAX theaters we have measured, the average screen width is 56 feet (17 meters). We therefore presume, unless we have press reports or other information to suggest otherwise, that new digital IMAX multiplex screens do *not* meet the GSCA spec.

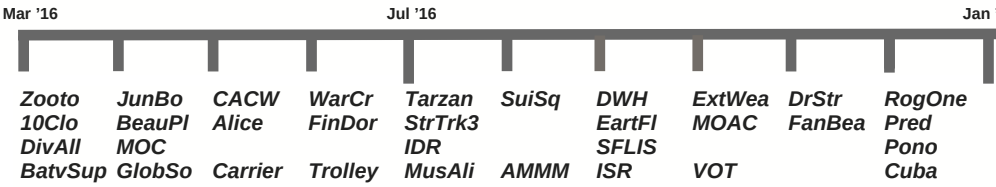
Although the vast majority (91%) of IMAX digital theaters fall into this category, we count them primarily because they occasionally show the original GS films co-produced by Imax with **Walt Disney Studios**, **Warner Bros. Pictures**, or MacGillivray Freeman Films, and because a handful of smaller chains with IMAX theaters occasionally book GS films from independent producers.

We do not count the premium large-format (PLF) theaters that many theater chains have introduced in the last few years, because they never show original GS films.

Past years' totals in this report may not agree with those in previous reports because we are constantly updating our database as we learn of theaters that opened or closed in previous periods.

The Museum of Discovery and Science, Fort Lauderdale, FL.

Museum of Discovery and Science



All films are 3D unless noted, underlined titles are 2D.
* New listing.
Updated information is printed in **bold**.
Unless noted, all films run about 40 minutes.
Some titles with limited release territories are not listed.

The Jungle Book
Walt Disney Pictures; distributor: Walt Disney Pictures; director: Jon Favreau. Cast: Neel Sethi, Lupita Nyong'o, Scarlett Johansson, Idris Elba,, Saffron Burrows, Bill Murray, Ben Kingsley, Christopher Walken. Release: April 15. DMR.

A Beautiful Planet
Imax Corporation; distributor: Imax Corporation; director, producer: Toni Myers; DP: James Neihouse. Release: April 29.

Mysteries of China (formerly *Mysteries of Ancient China*)
Giant Screen Films, Top Production China; distributor: Giant Screen Films; director: Keith Melton; producers: Don Kempf, Andy Wood, Keith Melton, Li Huixing; DP: Reed Smoot; script: Mose Richards. Release: April 29.
– Post-production is under way.

Global Soundscapes: Mission to Record the Earth (wt)
Foxfire Interactive, Masters Digital; digital distributor: Foxfire Interactive; producers: Brad Lisle, Tim Archer; DPs: Marcus Lehman, Sean White, Michael Lienau, Jason Sturgis; executive producer: Brad Lisle. 2D. Release: Spring.

Captain America: Civil War
Walt Disney Pictures; distributor: Walt Disney Pictures; directors: Anthony Russo, Joe Russo. Cast: Scarlett Johansson, Elizabeth Olsen, Chris Evans, Robert Downey Jr., Paul Rudd, Sebastian Stan, Jeremy Renner, Martin Freeman, Tom Holland, Paul Bettany. Release: May 6. DMR.
– First film to be shot with the new IMAX/Arri 2D digital camera.

Alice Through the Looking Glass
Walt Disney Pictures; distributor: Walt Disney Pictures; director: James Bobin. Cast: Johnny Depp, Anne Hathaway, Helena Bonham Carter, Alan Rickman, Mia Wasikowska, Sacha Baron Cohen, Andrew Scott, Michael Sheen. Release: May 27. DMR.

Carrier (wt)
K2 Communications, Giant Screen Films; distributor: K2 Communications, Giant Screen Films; director: Stephen Low; producers: Don Kempf, Bob Kresser, Mark Kresser, Andy Wood. Release: late May (24-min. version); November (40-min. version).
– January: Shot on the USS Stennis near San Diego, CA.
– Additional shooting on the east coast later in the year.

Warcraft
Universal Pictures; distributor: Universal Pictures; director: Duncan Jones. Cast: Dominic Cooper, Travis Fimmel, Paula Patton, Ben Foster, Toby Kebbell. Release: June 10. DMR.

Finding Dory
Pixar Animation; distributor: Walt Disney Pictures; directors: Andrew Stanton, Angus MacLane. Cast: Idris Elba, Diane Keaton, Kaitlin Olson, Dominic West, Ellen DeGeneres, Ed O'Neill, Albert Brooks, Ty Burrell, Eugene Levy. 2D. Release: June 17. DMR.

Independence Day: Resurgence
Twentieth Century Fox; distributor: Twentieth Century Fox; director: Roland Emmerich. Cast: Liam Hemsworth, Vivica A. Fox, Bill Pullman, Jeff Goldblum, William Fichtner, Charlotte Gainsbourg, Sela Ward, Brent Spiner, Judd Hirsch. Release: June 24. DMR.

The Trolley (wt)
Stephen Low Company; distributor: Stephen Low Company; director: Stephen Low; producer: Pietro Serapiglia . 2D. Release: June.

The Legend of Tarzan
Village Roadshow Pictures; distributor: Warner Bros.; director: David Yates. Cast: Margot Robbie, Alexander Skarsgård, Samuel L. Jackson, Christoph Waltz, John Hurt, Jim Broadbent, Djimon Hounsou. 2D. Release: July 1. DMR.

Star Trek Beyond
Bad Robot; distributor: Paramount Pictures; director: Justin Lin. Cast: Chris Pine, Zachary Quinto, Karl Urban, Zoe Saldana, Idris Elba, Simon Pegg, Anton Yelchin, John Cho. 2D. Release: July 22. DMR.

Amazing Mighty Micro Monsters (wt)
Colossus Productions, Atlantic Productions; distributor: Atlantic Productions; producer: Anthony Geffen. Release: Mid-2016.
– Post-production is under way.

Museum Alive 3D
Colossus Productions, Atlantic Productions; distributor: Atlantic Productions; director: Daniel M. Smith; producer: Anthony Geffen; script: David Attenborough, Mike Davis; DP: Tim Cragg, Chris Parks; score: Ilan Eshker. Cast: David Attenborough. Release: Mid-2016.

Suicide Squad
DC Entertainment; distributor: Warner Bros.; director: David Ayer. Cast: Margot Robbie, Scott Eastwood, Jared Leto, Cara Delevingne, Will Smith, Jai Courtney, Ben Affleck. 2D. Release: August 5. DMR.

Deepwater Horizon
Lionsgate; distributor: Lionsgate; director: Peter Berg. Cast:Kurt Russell, Dylan O'Brien, Mark Wahlberg, Kate Hudson, Gina Rodriguez, John Malkovich. 2D. Release: Sept. 30. DMR.

Earthflight 3D
John Downer Productions, BBC Earth; distributor: BBC Earth, Giant Screen Films; director, producer: John Downer; executive producers: Neil Nightingale, ***John Downer****. Release: September.*
– February: Recorded narration.
– Post-production is under way.

The Search for Life in Space
December Media; distributor: MacGillivray Freeman Films; director: Steve Westh; producer: Stephen Amezdroz; DP: Jim Frater; script: Klaus Toft; score: Dale Cornelius; executive producers: Tony Wright, Stuart Menzies. Cast: Lisa Kaltenegger, Chris Johns. Release: September.
– In post-production.

In Saturn's Rings
SV2 Studios; distributor: BIG & Digital; director, producer, writer, executive producer: Stephen van Vuuren. 2D. Release: Fall.
– Rendering for the opening section, originally expected to take 3–6 months, is taking much longer.

Voyage of Time
Sophisticated Films; distributor: Broad Green Pictures; director, writer: Terence Malick; producers: Dede Gardner, Nicolas Gonda, Sarah Green, Grant Hill, Brad Pitt, Bill Pohlad, Andreas Roald, Sophokles Tasioulis; DP: Paul Atkins; score: Ennio Morricone; executive producers: Tanner Beard, Mary Bing, Yves Chevalier, Ryan Rettig, Donald Rosenfeld. Release: Fall.

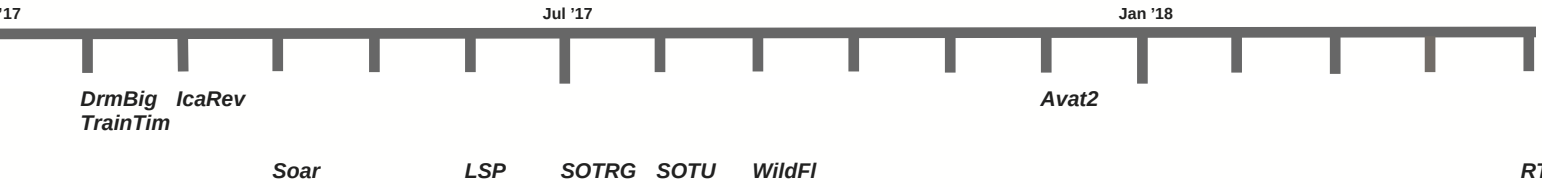
Extreme Weather (wt)
National Geographic Studios; distributor: National Geographic Studios; director, producer, DP: Sean Casey; script: Mose Richards; executive producer: Brooke Runnette. Release: October.

Doctor Strange
Warner Bros.; distributor: Warner Bros.; director: David Yates. Cast: Eddie Redmayne, Ezra Miller, Colin Farrell, Jon Voight, Katherine Waterston, Ron Perlman, Samantha Morton. Release: November 4. DMR.

Fantastic Beasts and Where to Find Them
Marvel Studios; distributor: Walt Disney Studios; director: Scott Derrickson. Cast: Rachel McAdams, Benedict Cumberbatch, Tilda Swinton, Mads Mikkelsen, Chiwetel Ejiofor. Release: November 18. DMR.

Rogue One
Lucasfilm; distributor: Walt Disney Pictures; director: Gareth Edwards. Cast: Felicity Jones, Mads Mikkelsen, Alan Tudyk, Ben Mendelsohn, Donnie Yen, Diego Luna, Forest Whitaker. Release: December 16. DMR.

Predators (wt)
Silverback Productions, BBC Earth; distributor: BBC Earth, Giant Screen Films; director, producer: Alastair Fothergill; DP: Jamie McPherson; ***score: George Fenton****; executive producers: Neil Nightingale, Alastair Fothergill. Release: December.*
– Post-production is under way.



Pono: The Secret of Hawaii
Happy Planet Productions; distributor: tba; director, DP, writer: Pierre Hugues Routhier; producers: Richard W. Kroon, Margaret Goode; score: Cody Westheimer. Executive producers: Pierre Hugues Routhier, Richard W. Kroon. Cast: "Uncle" Earl Kamakaonaona. Release: December.
- Location filming on the Islands of Hawaii began in 2014 and will wrap in 2016.

Cuba
Golden Gate 3D; distributor: tba; director, producer: Peter Chang. Release: 2016.

Dream Big: Engineering Wonders of the World (wt)
MacGillivray Freeman Films; distributor: MacGillivray Freeman Films; director: Greg MacGillivray; producer: Shaun MacGillivray; DPs: Brad Ohlund, Greg MacGillivray, Ron Goodman; script: Stephen Judson, Jack Stephens; score: Steve Wood. Release: February 2017.
- December 2015: Filmed in Haiti, Australia, and China.
- Spring: Additional filming in China, the Middle East, and locations in Europe and the US.

Train Time (wt)
Stephen Low Company; distributor: Stephen Low Company; director: Stephen Low; producer: Pietro Serapiglia. 2D. Release: February 2017.

Icarus' Revenge (formerly *Solar Impulse 3D)*
N3D Land Films; ***distributor: nWave Pictures****; directors: Pascal Vuong, Ronan Chapalain; producers: Catherine Vuong, Pascal Vuong; script: Pascal Vuong; score: Franck Marchal; executive producers: Catherine Vuong, Pascal Vuong. Cast: Bertrand Piccard, André Borschberg. Release: March 2017.*
- **February-March: Scouting in Hawaii.**
- April: Solar Impulse's flight around the world is expected to continue.
- **May-June: Filming in Hawaii.**

Soar
RPG Productions, Soaring the West, Inc.; distributor: tba; director: Matthew Murray; producers: Jennifer Casey, Rick Gordon; DP: Brandan Carlson;executive producers: Jennifer Casey, Rick Gordon. Release: spring 2017.
- Early 2016: Will film additional Perlan tests early 2016 in Minden.
- July: Filming of world record high-altitude flight in Patagonia, Argentina.

Avatar 2
Lightstorm Entertainment; distributor: Twentieth Century Fox; director: James Cameron. Cast: Zoe Saldana, Sigourney Weaver, Sam Worthington, Stephen Lan. Release: Dec. 25. DMR.

Lightspeed Pioneers
No Final Frontier Productions, Mind's Eye Creative, Wonder Mill Cosmos; distributor: BIG & Digital (flatscreen), Evans & Sutherland (fulldome); director, producer, writer: Lee Fanning. 2D. ***Release: 2017.***

Secrets of the Royal Garden
Atlantic Productions; distributor: tba; director: Martin Williams; producer: Anthony Geffen; script: David Attenborough; DP: Tim Cragg; score: Joel Douek; executive producer: Anthony Geffen. Shot in 4K. Cast: David Attenborough. Release: 2017.

Secrets of the Universe
Stephen Low Company; distributor: K2 Communications; director: Stephen Low; DP: Mark Poirier; executive producer: K2 Communications. Release: 2017.

Wild Flight 3D
Colossus Productions, Atlantic Productions; distributor: Atlantic Productions; director: David Lee; producer: Anthony Geffen; writer: David Attenborough; DPs: Paul Williams, Peter Parks, Chris Parks; executive producer: Anthony Geffen. Release: 2017.
- Principal photography is complete. Post-production is under way.

Return to Everest (wt)
MacGillivray Freeman Films; distributor: MacGillivray Freeman Films; director: Greg MacGillivray; producer: Shaun MacGillivray; script: Stephen Judson; DPs: Brad Ohlund, Michael Brown, Greg MacGillivray, Jack Tankard, Ron Goodman; score: Steve Wood. Release: 2018.

Director Keith Melton (left) and DP Reed Smoot filming the terra cotta warriors for Mysteries of China.

Giant Screen Films

Imax's Scorecard

These **non-multiplex theaters** have converted to or added a digital projection system to a booth that once had a giant-screen film projector. Unlike the rest of this report, which only counts theaters opened by Dec. 31, 2015, this table lists some theaters that have opened, or will open, in 2016.

Wins (IMAX film to first-gen IMAX digital)

1. Virginia Air and Space Center, Hampton 2010
2. Challenger Learning Center, FL 2010
3. Denver Museum of Nature and Science, CO 2010
4. Clark Planetarium, UT 2010
5. Pacific Science Center, WA (PACCAR Theater)* 2011
6. Suzhou Culture & Arts Centre, China 2010
7. World Golf Hall of Fame, FL 2011
8. CineStar Event Cinema, Germany 2011
9. Marbles Kids Museum, NC 2011
10. Xi'an Da Ming Palace, China 2012
11. Esquire IMAX Theatre, CA* 2012
12. Jordan's Furniture, Natick, MA 2012
13. British Film Institute, London* †† 2012
14. LG IMAX Theatre Sydney, Australia* †† 2013
15. Tropicana Casino And Resort, NJ 2013
16. Glasgow Science Center, UK 2013
17. Navy Pier IMAX Theatre, IL* 2013
18. Museum of Discovery and Science, FL 2014
19. Bullock Texas State History Museum, TX †† 2015
20. Indiana State Museum, IN 2016

Wins (IMAX film to IMAX laser system)

21. Jordan's Furniture, Reading, MA 2015
22. Pacific Science Center, WA (Boeing Theater) 2015
23. Smithsonian Udvar-Hazy, VA 2015
24. Melbourne Museum, Australia 2015
25. Telus World of Science Edmonton, AB 2015
26. Branson IMAX 2016
27. Smithsonian Air and Space, DC 2016
28. Tennessee Aquarium, Chattanooga 2016
29. Science North, Canada 2016
30. IMAX Victoria, BC 2016
31. Auto and Technik Museum, Sinsheim, Germany 2016

Wins (Signed for IMAX laser system, not installed yet)

32. Museum of Discovery and Science, FL 2015
33. Smithsonian Natural History, DC 2016
34. Science Museum of Minnesota* 2016
35. Papalote Childrens' Museum Monterrey 2016
36. Kinemax, Futuroscope, France 2016

Losses (IMAX film to non-IMAX digital)

1. Swiss Transport Museum, Lucerne† 2008
2. Moody Gardens, TX† *** 2009
3. Science Museum, Osaka** 2009
4. 63 City, South Korea† (closed) 2010
5. Dreamworld, Australia 2011
6. Hastings Museum, NE 2011
7. Millennium Point Cinema, UK (closed) 2011
8. Cradle of Aviation Museum, NY†** 2012
9. Evergreen Aviation Museum, OR 2012
10. Houston Museum of Natural Science, TX 2012
11. Putnam Museum, IA 2012
12. Kansas Cosmosphere and Space Center** 2012
13. Milwaukee Public Museum, WI†** 2013
14. Air Force Museum Theater, OH 2013
15. Polynesian Cultural Center, HI 2013
16. Oregon Museum of Science and Industry 2013
17. Malecon 2000, Ecuador 2013
18. Kentucky Science Center, Louisville 2014
19. Memphis Pink Palace Museum, TN 2014
20. Science Museum of Virginia, Richmond** 2014
21. Virginia Aquarium and Marine Science Center 2014
22. Whitaker Center for Science and the Arts, PA 2014
23. Yellowstone Giant Screen Theatre, MT 2014
24. Entergy IMAX Theatre, LA 2015
25. National Infantry Museum, GA *** 2015
26. Naval Aviation Museum *** 2016
27. The Henry Ford, MI 2016

Losses (non-IMAX film to non-IMAX digital, meet GSCA specs)

28. Zion Canyon Giant Screen Theater, UT 2008
29. Rheged Centre, Penrith, UK 2009
30. COSI Columbus, OH 2011
31. New Mexico Museum of Natural History 2011
32. Kansas City Union Station, MO 2013
33. Saitama Space Science Hall, Japan** 2008
34. Shonandai Cultural Center, Japan** 2009
35. Central Texas College, Killeen** 2010
36. Sanuki Children's Center, Japan** 2010
37. National Science Museum, South Korea** 2010
38. Yamanashi Science Museum** 2010
39. Louisiana Art and Science Museum** 2011
40. Koriyama Municipal Science Museum, Japan** 2012
41. Washington Pavilion of Arts and Sciences, SD** 2012
42. Mukai Chiaki Children's Science Museum, Japan** 2013
43. Kurashiki Science Center, Japan** 2014
44. Tondabayashi Subaru Hall, Japan** 2014

* Kept IMAX film projector, added IMAX digital
† Kept IMAX film projector, added non-IMAX digital, dropped IMAX brand
** Tilted dome
†† Will get IMAX laser system
*** Non-IMAX laser

New Theaters in 2015

All of the theaters listed below are 3D-capable IMAX digital theaters with flat screens. Two with asterisks are laser systems.

City	Theater	Country
Luanda	ZAP Cinemas	Angola
Muharraq	Novo Cinemas	Bahrain
Belo Horizonte	Cineart Boulevard	Brazil
Varna	Kino Arena Grand Mall Varna	Bulgaria
Santiago	Cine Hoyts	Chile
Shenyang	Liaoning Science & Tech. Museum	China
Hangzhou	Hangzhou Wuzhou Jiaying	China
Dongying	Dongying Wanda	China
Foshan	Foshan CGV Xingxing	China
Foshan	Foshan Zose	China
Fuzhou	Fuzhou Taihe CGV	China
Guangyuan	Guangyuan Wanda	China
Guangzhou	Guangzhou R&F Jinyi	China
Guangzhou	Guangzhou Nansha Wanda	China
Nanjing	Nanjing Wanda	China
Hangzhou	Hangzhou Xiasha Longfor SFC	China
Hanzhou	Hangzhou Xilian Jinyi	China
Hefei	Hefei MixC Emperor UA	China
Huangshi	Wanda Plaza Huangshi	China
Jiamusi	Jiamusi Wanda	China
Jiaxing	Jiaxing Wanda	China
Kunming	Kunming CGV	China
Liuzhou	Liuzhou Chengzhong Wanda	China
Nanjing	Nanjing Stellar	China
Jilin	Jilin Huaye Wanda	China
Chongqing	Chongqing Banan Wanda	China
Anyang	Anyang Wanda	China
Beijing	Beijing Yangqiao Huayi Brothers	China
Beijing	Beijing Times Paradise Walk Lumiere	China
Changsha	CGV Changsha Desiqing	China
Changzhou	Changzhou Omnijoi	China
Chengdu	Chengdu Joy City Stellar	China
Chengdu	Chengdu Jinnan Longfor CGV	China
Dongguan	Houjie Wanda Plaza	China
Chongqing	Chongqing Baiyi Stellar	China
Dezhou	Wanda Plaza Dezhou	China
Chongqing	Chongqing Jiangbeizui Cross Cinema	China
Chongqing	Chongqing Cross Qibo	China
Dalian	Dalian Donggang CGV	China
Dalian	Dalian Jingkai Wanda	China
Dalian	SFG Dalian Harbour	China
Guilin	Guiyang Wanda Guilin	China
Harbin	Harbin Exhibition Center CGV	China
Nanjing	Nanjing Jiangning Wanda	China
Chengdu	Chengdu Kehua SFC	China
Wuhan	Wuhan Optic Valley Huayi Brothers	China
Nanning	Nanning Anji Wanda	China
Guangzhou	Luogang Wanda	China
Yingkou	Yingkou Wanda	China
Xi'an	Xi'an CGV	China
Wuxi	Wuxi Ormosia Commercial Plaza SFC	China
Weinan	Weinan Wanda	China
Taiyuan	Taiyuan Wanda	China
Taiyuan	Taiyuan Bona Int'l Cineplex	China
Taian	Taian Wanda	China
Shenzhen	Shenzhen Centerville MH Mall OSGH	China
Wuhan	Wuhan Jinyi LIVAT	China
Shenzhen	Shenzhen 9 Square Lumiere	China
Shanghai	Shanghai Longsheng Wanda	China
Shanghai	Shanghai Jinshan Wanda	China
Shanghai	Shanghai Hongqiao Lingkong	China
Shanghai	Shanghai Fengxian Powerlong	China
Shanghai	Emperor UA Cinema	China
Qiqihar	Qiqihar Wanda	China
Qingdao	Qingdao MixC City CGV	China
Neijiang	Neijiang Wanda	China
Nantong	Nantong Gangzha Wanda	China
Nantong	Nantong Xingguangyao Wanda	China
Suzhou	Suzhou Wuzhong Wanda	China
Copenhagen	CinemaxX Kobenhaven	Denmark
Santo Domingo	Palacio del Cine	Dominican Republic
Tallinn	Kosmos IMAX	Estonia
Bekasi	Summarecon Mal Bekasi	Indonesia
Surabaya	Tunjungan 5 XXI	Indonesia
Jerusalem	Yes Planet Jerusalem	Israel
Sesto San Giovanni	Skyline Multiplex	Italy
Afragola	Happy MaxiCinema	Italy
Kyoto	TOHO Cinemas Nijo	Japan
Tokyo	Toho Cinemas Shinjyuku	Japan
Fukita-shi*	109 Cinemas Osaka Expocity	Japan
Tokyo	109 Cinemas Futako Tamagawa	Japan
Monterrey	Papalote Museo del Nino	Mexico
Arnhem	Pathe Arnhem	Netherlands
Lahore	Cine Star IMAX	Pakistan
Stavropol	Cinema Park Kosmos	Russia
Moscow	Kinomax Kozhukhovskaya	Russia
Krasnoyarsk	Cinema Park IMAX Krasnoyarsk	Russia
Moscow	Kinomax Prazhskaya	Russia
Ulan Ude	People's Cinema IMAX	Russia
Bratislava	Cinemax Bratislava	Slovakia
Krugersdorp	Ster-Kinekor Cradlestone Mall	South Africa
Port Elizabeth	Ster-Kinekor Baywest Mall	South Africa
Seongnam	CGV IMAX Seongnam	South Korea
Seoul	CGV Cheonho	South Korea
Stockholm	Filmstaden Scandinavia	Sweden
Bangkok	Toyota IMAX Theatre, Quartier Cine-Art	Thailand
Nonthaburi	Westgate Cineplex	Thailand
Dubai*	VOX Cinemas	UAE
Milton Keynes	ODEON Milton Keynes	UK
Birmingham	Empire Birmingham Great Park	UK
Hemel Hempstead	Empire Hemel Hempstead	UK
Birmingham	Cineworld Birmingham NEC	UK
Leeds	Vue Leeds Kirkstall Road	UK
Basildon	Empire Cinemas	UK
Broughton	Cineworld Broughton	UK
Torrance, CA	AMC Rolling Hills 20	USA
Bakersfield, CA	Reading Cinemas Valley Plaza 16	USA
Davenport, FL	Cinépolis Polk County	USA
Bloomington, IL	Bloomington Galaxy 14	USA
Rochester, MN	Galaxy 14 Cine	USA
Albuquerque, NM	Carmike Grande 12	USA
West Nyack, NY	AMC Loews Palisades Center 21	USA
Farmingdale, NY	UA Farmingdale Stadium 10	USA
Lawton, OK	Carmike Patriot 13	USA
Odessa, TX	Regal Permian Palace Stadium 11	USA
Ho Chi Minh City	CGV SC VivoCity	Vietnam

Premiering This Month

National Parks Adventure

"Narrated by Academy Award-winner **Robert Redford**, ***National Parks Adventure*** takes audiences on the ultimate off-trail adventure into the nation's awe-inspiring great outdoors and untamed wilderness. Immersive IMAX 3D cinematography takes viewers soaring over red rock canyons, hurtling up craggy mountain peaks and into other-worldly realms found within America's most legendary outdoor playgrounds, including Yellowstone, Yosemite, Glacier National Park, Redwood National Park, the Everglades and Arches. Celebrate the 100-year anniversary of the national parks with world-class mountaineer Conrad Anker, adventure photographer Max Lowe and artist Rachel Pohl as they hike, climb and explore their way across America's majestic parks in what is both an action-packed expedition and a souful reflection on what wilderness means to us all."

Produced and distributed by **MacGillivray Freeman Films**. Directed by **Greg MacGillivray**, produced by **Shaun MacGillivray**, photographed by **Brad Ohlund**, written by **Stephen Judson** and **Tim Cahill**, scored by **Steve Wood**. Executive producers: **Tom Garzilli**, **Mike Day**, **Dave Duszynski**. Cast: **Conrad Anker**, **Max Lowe**, **Rachel Pohl**; **Lee Stetson** as John Muir, **Joseph Wiegand** as Teddy Roosevelt. Release: Feb. 12.

Deadpool

"A former Special Forces operative turned mercenary is subjected to a rogue experiment that leaves him with accelerated healing powers, and adopts the alter ego Deadpool."

Produced by **Marvel Entertainment** and distributed by **Twentieth Century Fox**. Directed by **Tim Miller**. Starring **Ryan Reynolds**, **Karan Soni**, **Ed Skrein**, **Michael Benyaer**, **Stefan Kapicic**, **Brianna Hildebrand**. Feb. 12. DMR.

Zootopia

"The modern mammal metropolis of Zootopia is a city like no other. Comprised of habitat neighborhoods like ritzy Sahara Square and frigid Tundratown, it's a melting pot where animals from every environment live together — a place where no matter what you are, from the biggest elephant to the smallest shrew, you can be anything. But when rookie Officer Judy Hopps arrives, she discovers that being the first bunny on a police force of big, tough animals isn't so easy. Determined to prove herself, she jumps at the opportunity to crack a case, even if it means partnering with a fast-talking, scam-artist fox, Nick Wilde, to solve the mystery."

Greg MacGillivray (left) directing National Parks Adventure *in Yosemite.*

Produced and distributed by **Walt Disney Pictures**. Directed by **Byron Howard, Rich Moore**, and **Jared Bush**. Starring **Ginnifer Goodwin, Jason Bateman, Idris Elba, Bonnie Hunt, Tommy Chong, J.K. Simmons, Octavia Spencer**. Release: March 4. DMR.

10 Cloverfield Lane

"Waking up from a car accident, a young woman finds herself in the basement of a man who says he's saved her life from a chemical attack that has left the outside uninhabitable."

Produced and distributed by **Paramount Pictures**. Directed by **Dan Trachtenberg**. Starring **Mary Elizabeth Winstead**, **John Goodman**. Release: March 11. DMR.

The Divergent Series: Allegiant

"The third installment of the blockbuster *Divergent* series franchise, *Allegiant* takes Tris and Four into a new world, far more dangerous than ever before. After the earth-shattering revelations of Insurgent, Tris must escape with Four and go beyond the wall enclosing Chicago. For the first time ever, they will leave the only city and family they have ever known. Once outside, old discoveries are quickly rendered meaningless with the revelation of shocking new truths. Tris and Four must quickly decide whom they can trust as a ruthless battle ignites beyond the walls of Chicago which threatens all of humanity. In order to survive, Tris will be forced to make impossible choices about courage, allegiance, sacrifice and love."

Produced by **Lionsgate** and distributed by **Summit Entertainment**. Directed by **Robert Schwentke**. Starring **Shailene Woodley**, **Zoë Kravitz**, **Theo James**, **Miles Teller**, **Naomi Watts**, **Jeff Daniels**, **Maggie Q**. Release: March 18. DMR.

Batman v. Superman: Dawn of Justice

"Fearing the actions of a godlike superhero left unchecked, Gotham City's own formidable, forceful vigilante takes on Metropolis's most revered, modern-day savior, while the world wrestles with what sort of hero it really needs. And with Batman and Superman at war with one another, a new threat quickly arises, putting mankind in greater danger than it's ever known before."

Produced and distributed by **Warner Bros. Pictures**. Directed by **Zack Snyder**. Starring **Ben Affleck**, **Henry Cavill**, **Gal Gadot**, **Amy Adams**, **Diane Lane**, **Jesse Eisenberg**, **Jeremy Irons**, **Holly Hunter**, **Laurence Fishburne**. Release: March 25. DMR.

*(from **COLIN LOW** on page 3)*

live with the first-ever film in the [IMAX] medium...we did not know if it was all going to work.'"

Imax's chief quality officer **David Keighley** said, "From my perspective, Colin was the impetus for IMAX 3D. He was passionate about exploring this new flavor of IMAX, and *Transitions* at Expo '86 was the result. Clearly some of Colin's creative genes have transferred to his sons, including Stephen, who has given our industry more great IMAX moments."

The National Film Board's **Munro Ferguson**, son of Graeme Ferguson, wrote, "As well as a visionary, Colin was a meticulous researcher, both for the subject matter of his films and the means by which he made them. When I started doing stereoscopic animation, he passed on to me the notes he had made on the relationship between color and depth perception. These were the results of a series of 3D film tests he had done. I was amazed at how perceptive his observations were."

Finally, **Greg MacGillivray** wrote, "Colin Low was a leading visionary creative force in our industry. However, his biggest contribution to our industry was fathering and mentoring Stephen Low, one of my favorite directors! Fathers are important! Through his son, his brilliance lives on."

Graeme Ferguson told *LFX* that he would write a longer tribute to his longtime colleague than was possible under this issue's very short deadline. It will appear in the next edition.

*(from **SHORTS** on page 24)*

Bouquet. The film is up for three awards in the Canadian equivalent of the Oscars: Best Editing, Best Cinematography, and Best Feature Documentary. (This is more nominations than any other documentary this year.) The awards will be presented in a televised ceremony from Toronto on March 13.

The film looks at the indigenous Bunong people on the Cambodian-Vietnamese border, and their centuries-long relationship with elephants, which is now threatened by loss of habitat from logging and mining operations. The film has won awards at several festivals and is nominated for the 2016 Cinema for Peace award at this year's **Berlin Film Festival**. Its U.S. premiere was at the Big Sky Film Festival in Montana in February.

Nucci seeks theater assistance

Rutgers University researcher **Mary Nucci** has sent out the following request to the GS community:

"Last year, the Research Task Force and Lifelong Learning Committee of the **Giant Screen Cinema Association** surveyed filmmakers and theaters about the production and use of the materials created to extend the experience beyond the screen, such as teacher's guides, websites, presentations, etc.

"We are looking for theaters that would be willing to serve as survey sites for school educators to understand how these materials are used/not used, and what educators want to extend the experience. If you would like to participate, please contact me at mnucci@rutgers.edu."

IPS 2016 in Poland

The **International Planetarium Society** will hold its bi-annual conference June 19 –23 at the **Copernicus Science Center** in Warsaw, Poland. With the theme of "Revolve," the meeting will feature 85 sessions, 40 exhibitors, 11 mini-domes, three big domes, seven projection systems, and four evening events.

For more information, visit ips2016.org.

Star Wars 9 to be shot in space?

At the **Sundance Film Festival** in February, director **Colin Trevorrow** said that he plans to shoot ***Star Wars: Episode IX*** on film — possibly on 15/65mm — and that he'd also like to shoot in space. On a panel with noted film advocate **Christopher Nolan**, Trevorrow said that in speaking with his producers at **Disney** and **LucasFilm**, "I asked the question, 'Is it possible for us to shoot IMAX film plates in actual space for *Star Wars*?' and I haven't gotten an answer yet, but they've shot IMAX in space!" Nolan added, "Funny enough, we had that conversation with *Interstellar*. There's incredible footage

Worldwide GS and IMAX Theaters

As of March 1, 2016

Note: To avoid double counting, theaters with digital and 15/70 systems are shown as 15/70 only.

C = Commercial Standalone CT = Theme Park
CM = Multiplex I = Institutional

By Format and Operator Type

		C	CM	CT	I	Total
Africa	D		8			**8**
	Total		**8**			**8**
Asia/Pac	D		375	1	30	**406**
	8/70				6	**6**
	10/70				5	**5**
	15/70	1	3	1	23	**28**
	Total	**1**	**378**	**2**	**64**	**445**
Europe	D	2	129	2	7	**140**
	8/70	2		1	2	**5**
	15/70	4	2	5	7	**18**
	Total	**8**	**131**	**8**	**16**	**163**
Middle East	D		10			**10**
	8/70				1	**1**
	10/70				1	**1**
	15/70				2	**2**
	Total		**10**		**4**	**14**
North America	D	6	351	1	52	**410**
	8/70	3			8	**11**
	15/70	7	31		54	**92**
	Total	**16**	**382**	**1**	**114**	**513**
South America	D		17		1	**18**
	8/70				1	**1**
	15/70	1				**1**
	Total	**1**	**17**		**2**	**20**
World	D	8	890	4	90	**992**
	8/70	5		1	18	**24**
	10/70				6	**6**
	15/70	13	36	6	86	**141**
	Total	**26**	**926**	**11**	**200**	**1,163**

Totals above do not agree with those below because this table counts theaters with film and digital systems twice.

By 2D / 3D

	2D	3D	Total
Africa		8	**8**
Asia/Pac	49	396	**445**
Europe	16	147	**163**
ME	3	11	**14**
NA	65	448	**513**
SA	1	19	**20**
Total	**134**	**1,029**	**1,136**

By Screen

	Dome	Flat	Comb	Total
Africa		8		**8**
Asia/Pac	45	400		**445**
Europe	13	150		**163**
ME	3	11		**14**
NA	47	161	2	**513**
SA	2	18		**20**
Total	**110**	**1,051**	**2**	**1,163**

Bookings: February-March 2016 by Film

531 bookings of 77 films in 171 theaters

These listings to not include Hollywood films shown in multiplex IMAX theaters. Those films are listed when they are shown in non-multiplex theaters, and conversely, non-Hollywood giant-screen films showing on multiplex IMAX screens are also listed.

Listings shown in **bold face** below are new or updated listings. The rest are unchanged from the previous month's issue.

The data on the following pages are ***not*** warranted to be comprehensive or accurate in every detail, despite our best efforts to make them so. They have been compiled from theater surveys, distributors, the Web, and other sources.

We will make every effort to improve the thoroughness, and accuracy of these data. If your theater or film is not shown here, please get in touch with us to update our listings.

Where a date is not shown, it means that no date was provided by the source or, in the case of a closing date, that no date has been set, or that the run is indefinite.

The key to film abbreviations is on page 21.

Film	Theater	Open	Close
AirRacer	Hutchinson	1/1/15	12/31/16
AIWC	Chandigarh	9/5/14	9/4/16
AJ	**Kolkata SC**	**1/16**	
Alamo	San Antonio 2D AMC		
Amazon	Shanghai 3D STM	8/31/15	8/30/16
Animalop	Pittsburgh CSC	1/1/10	
APE	Taipei AM	4/1/15	4/1/16
Bugs	**Calgary TS**	**9/28/15**	**9/28/16**
	Columbus COSI	9/15/14	6/30/16
	Copenhagen TBP	**3/1/13**	**3/31/16**
	Edmonton TWS	12/26/13	6/30/16
	Fort Worth	**2/1/16**	**6/3/16**
	Raleigh	7/5/14	6/30/16
	Vancouver TWS	3/11/06	6/30/16
CRA	Fort Worth	1/5/15	5/27/16
	Hartberg	3/25/15	2/1/16
	Pittsburgh CSC	10/1/15	7/1/16
CV	Alexandria BA	10/1/13	12/31/16
	Alexandria BA		12/31/16
D-Day	Chantilly		6/30/16
	Chicago MSI	**5/23/14**	**6/30/16**
	Cincinnati MC	5/15/15	
	Cleveland	5/8/15	5/22/16
	Columbus GA NIM	5/23/14	5/22/16
	Davenport Put	**5/22/15**	
	Dayton	5/24/14	6/30/16
	Erie	11/11/15	7/7/16
	Fort Worth	9/5/15	2/5/16
	Hague	**2/10/15**	**2/15/16**
	Hampton VASC	**5/23/14**	**5/22/16**
	Hangzhou Bro	**6/1/15**	**6/6/16**
	Harrisburg	6/6/15	
	Hutchinson	4/21/14	12/31/16
	London BFI	5/8/15	
	Louisville KSC	5/23/14	7/31/16
	Paris Geo	4/2/14	6/30/16
	Pensacola NAM	**10/1/14**	
	Peoria RM	**4/2/15**	
	Phoenix ASC	5/15/15	
	Pittsburgh CSC	5/15/15	12/31/16
	Raleigh	**5/23/14**	**2/1/17**
	Sydney WBS	**9/4/14**	**2/28/16**
	Tallahassee CLC	6/5/15	6/30/16
	Vancouver TWS	11/7/15	11/11/16
	Washington NASM	**5/23/14**	**6/30/16**
DIA	**Hartberg**	**3/25/15**	**4/1/16**
DinoAliv	Detroit MSC	10/17/15	10/31/16
	Port of Spain	9/1/15	9/30/16
	Portland OMSI	5/23/14	5/30/16
	Washington NMNH	5/15/15	5/31/16
Dolphins	Gatineau	7/17/15	12/31/16
	Hague	**10/11/11**	**4/1/16**
	Speyer Dome		2/1/16
DPTP	Killeen	5/12	5/16
	Louisville KSC	6/14	7/16
Dragons	Bogota Mal	5/1/15	5/31/16
	Victoria DCI	5/1/15	5/31/16
DSC	Erie	6/6/15	6/5/16
	Milwaukee	10/6/15	6/30/16
	Parker	9/26/15	3/25/16
	Sioux Falls	10/2/15	3/31/16
Everest	Baltimore MSC	9/15/15	9/14/16
	Hague	5/8/15	5/9/16
	Spokane RP	4/1/15	9/30/16
FightPil	Chantilly I	12/10/04	7/16
	Corpus Christi Lex	5/12/12	7/16
	Dayton	3/1/13	6/30/16
	Huntsville USSRC	7/1/13	7/1/16
	McMinnville	3/23/12	7/1/16
	Seattle PSC 2	6/14/13	6/14/16
FOTB	**Apple Valley Imx**	**6/5/15**	**12/31/16**
	Austin TSHM	**10/1/15**	**10/31/16**
	Baton Rouge LASM	9/1/15	8/31/16
	Chicago MSI	2/28/14	6/30/16
	Cincinnati MC	2/14/13	6/30/16
	Cleveland	11/27/13	6/30/16
	Columbus COSI	9/1/14	6/30/16
	Davenport Put	2/15/13	6/30/16
	Edmonton TWS	12/26/13	6/30/16
	Gatineau	10/5/12	6/30/16
	Hampton VASC	3/29/13	6/30/16
	Hastings	3/17/13	6/30/16
	Louisville KSC	9/30/12	6/30/16
	Lubbock SS	**3/11/16**	**6/30/16**
	Memphis Pink	3/1/14	5/23/16
	Norwalk MA	5/22/15	10/7/16
	Orlando SC	3/1/14	6/30/16
	Pittsburgh CSC	3/15/13	6/30/16
	Portland OMSI	1/7/15	6/30/16
	Raleigh	10/19/12	6/30/16
	Sacramento Imx	8/13/13	6/30/16
	San Antonio 3D AMC	5/15/15	5/14/16
	San Diego RHF	10/12/12	9/30/16
	San Jose Tech	2/9/13	6/30/16
	Shanghai 3D STM	1/1/16	12/31/16
	Syracuse MOST	7/4/15	7/3/16
	Taichung NMNS	7/1/15	6/30/16
	Tallahassee CLC	1/18/13	6/30/16
	Valencia Spn	7/1/15	6/30/16
	Vancouver TWS	6/16/13	6/30/16
	Victoria DCI	4/5/13	6/30/16
	Washington NMNH	10/5/12	1/13/17
G3DNW	Al Khobar	8/20/15	8/21/16
	Apple Valley Imx	10/3/14	4/2/16
	Berlin CS	4/20/14	10/9/16
	Boston NEA	2/15/16	12/31/16
	Budapest CC	4/24/14	5/21/16
	Copenhagen TBP	2/8/14	2/7/16
	Davenport Put	10/17/14	10/16/16
	Denver MNS	8/1/15	7/31/16
	Gatineau	10/10/14	6/30/16
	Guayaquil	4/20/14	5/4/16
	Hartford CSC	11/27/15	4/10/16
	Hastings	**2/10/15**	**6/12/16**
	Indianapolis Imx	**9/21/15**	**6/12/16**
	Katowice CC	6/18/14	9/19/16
	Krakow CC	6/18/14	9/19/16
	Kuwait SCK	10/3/14	4/2/16
	Lodz CC	6/18/14	9/19/16
	Louisville KSC	6/18/15	6/17/16
	Lucerne	6/5/14	6/4/16
	Mexico City Pap	3/27/15	3/26/16
	Moscow BFC	10/6/14	10/31/16
	Nagasaki SM	8/1/15	3/31/16
	New Orleans	5/22/15	2/1/16
	Nuremberg	10/15/14	5/19/16
	Omaha Zoo	8/1/15	6/30/16
	Orlando SC	**7/5/14**	**1/4/17**
	Poznan CC	6/18/14	9/19/16
	Prague CC	5/22/14	5/21/16
	Saint Augustine	4/1/15	3/31/16
	Seattle PSC 2	11/20/15	4/30/17
	Singapore DC	**3/1/16**	**3/31/16**
	Victoria DCI	**9/14/15**	**4/28/16**
	Warsaw CC	6/18/14	9/19/16
GC	Grand Canyon DCI	11/1/99	12/16
GCA	Gatineau	5/1/13	3/31/16
	Harrisburg	11/1/14	12/31/16
	Indianapolis Imx	**3/11/16**	**12/31/16**
	Mexicali	5/21/15	5/20/16
	Monterrey Pap	11/1/15	2/28/16
	Pittsburgh CSC	1/1/16	2/1/16
	Shanghai 3D STM		2/1/16
	Sinsheim	10/31/09	12/31/16
	Spokane RP	5/1/15	12/31/16
	Syracuse MOST	4/4/15	4/3/16
GreatApe	Orlando SC	4/3/15	3/11/16
	Parker	1/30/16	7/29/16
Greece	Baltimore MSC	9/15/15	9/14/16
	Gatineau		12/31/16
GWS	Birmingham AL	2/13/15	2/29/16
	Boston NEA	5/31/13	2/29/16
	Charlotte DP	5/9/15	5/31/16
	Galveston	6/28/14	12/31/16
	Mexicali	6/26/15	3/31/16
	New Orleans	10/6/15	6/30/16
	Richmond SMV	3/15/14	3/15/16
	Sacramento Imx	2/20/15	2/29/16
	Saint Augustine	8/9/13	9/8/16
	Saint Paul SMM	2/20/15	2/29/16
	Seattle PSC 1	9/19/14	9/19/16
	Sioux Falls	1/30/15	6/30/16
	Tallahassee CLC	6/15/13	6/30/16
	Victoria DCI	2/13/15	2/29/16
	Virginia Beach AMSC	5/29/14	6/30/16
HCBTD	San Simeon DCI	8/17/96	
HidUniv	Athens Eug	3/20/15	2/1/16
	Glasgow	5/2/14	2/1/16
	Huntsville USSRC	7/2/13	2/1/16
	London SM	10/18/13	2/1/16
	Orlando SC	6/13/14	4/2/16
	Taipei AM	7/1/15	6/30/16
	Tallahassee CLC	2/14/14	2/1/16
	Valencia Spn	4/1/14	6/30/16
	Washington NASM	**1/30/14**	**4/1/16**
HOTB	**Dongguan STM**	**3/1/16**	**2/28/17**
HumpbWha	Atlanta FMNH	2/13/15	2/12/16
	Atlantic City	2/13/15	2/12/16
	Austin TSHM	2/13/15	2/12/16
	Baltimore MSC	7/1/15	6/30/16
	Berlin CS	5/1/15	4/30/16
	Boston MOS	2/13/15	2/12/16
	Boston NEA	2/13/15	2/12/16
	Chattanooga TA	**3/6/15**	**3/6/16**
	Chicago MSI	5/29/15	5/28/16
	Cincinnati MC	2/13/15	2/12/16
	Columbus COSI	6/1/15	3/10/16
	Copenhagen TBP	10/8/15	10/7/16
	Dearborn THF	2/13/15	6/13/16
	Denver MNS	6/5/15	6/4/16
	Detroit MSC	2/13/15	2/12/16
	Edmonton TWS	10/2/15	10/1/16
	Fort Lauderdale	2/13/15	2/12/16
	Fort Worth	3/6/15	3/5/16
	Galveston	5/23/15	5/22/16
	Houston MNS	3/13/15	3/12/16
	Jersey City	2/13/15	2/12/16
	Los Angeles CSC	7/3/15	7/2/16
	Lubbock SS	2/13/15	2/12/16
	Memphis Pink	3/7/15	3/7/16
	Monterrey Pap	**2/23/16**	**6/22/16**
	New Orleans	3/6/15	3/5/16
	Norwalk MA	2/13/15	5/12/16
	Nuremberg	4/30/15	4/29/16
	Omaha Zoo	3/15/15	2/28/16
	Orlando SC	2/13/15	2/12/16
	Paris Geo	7/7/15	7/6/16
	Philadelphia FI	6/20/15	6/19/16
	Port of Spain	3/12/15	3/11/16
	Raleigh	3/20/15	4/23/16
	Regina	11/20/15	11/19/16
	Richmond SMV	3/14/15	2/12/16
	Saint Augustine	2/13/15	2/12/16
	Saint Louis SC	2/13/15	2/12/16
	Saint Paul SMM	10/9/15	10/8/16
	Salt Lake City Clark	2/13/15	2/12/16
	San Diego RHF	2/13/15	2/12/16
	San Jose Tech	2/13/15	2/12/16
	Seattle PSC 2	4/27/15	5/15/16

Film	Theater	Open	Close
	Sinsheim	5/21/15	5/20/16
	Sudbury	9/24/15	10/6/16
	Sydney WBS	4/23/15	4/2/16
	Tallahassee CLC	2/20/15	2/20/16
	Toronto OSC	5/15/15	5/14/16
	Vancouver TWS	10/9/15	10/8/16
	Victoria DCI	6/19/15	6/18/16
	Virginia Beach AMSC	9/8/15	9/7/16
IOLM	Salt Lake City Clark	4/4/14	4/29/16
Jerusale	Atlanta FMNH	1/3/14	3/5/16
	Columbus COSI	2/11/15	2/10/16
	Des Moines	7/1/15	6/30/16
	Hague	3/31/14	6/30/16
	Harrisburg	10/18/14	10/31/16
	Lucerne	7/1/15	6/30/16
	Milwaukee	10/9/15	6/30/16
	Peoria RM	11/14/15	11/13/16
	Pittsburgh CSC	3/7/14	12/31/16
	Portland OMSI	11/18/13	11/20/16
	Saint Louis SC	10/4/13	6/3/16
	San Diego RHF	11/20/15	10/31/16
	San Jose Tech	3/27/15	6/30/16
	Tallahassee CLC	11/15/14	11/27/16
	Tijuana	4/1/15	3/14/16
JIAC	Baltimore MSC	9/15/15	9/14/16
	Gatineau	7/17/15	12/31/16
JMCSO	Albuquerque NMMNH	5/23/15	2/22/16
	Boston NEA	4/16/15	4/16/16
	Columbus COSI	9/25/15	5/30/16
	Copenhagen TBP	6/25/15	6/25/16
	Dearborn THF	2/27/15	12/31/16
	Denver MNS	8/14/15	8/14/16
	Galveston	3/6/15	3/6/17
	Gatineau	9/4/15	9/30/16
	Hastings	2/11/16	2/11/17
	Houston MNS	5/22/15	5/22/16
	Keelung NMMST	1/1/16	12/31/16
	Kuwait SCK	7/17/15	7/17/16
	Lehi	8/7/15	4/7/16
	Lucerne	**3/17/16**	**3/16/17**
	New Orleans	**2/12/16**	**2/2/17**
	Phoenix ASC	2/12/16	7/28/16
	Poitiers Solido	2/1/16	12/31/16
	Portland OMSI	**2/20/15**	**2/27/17**
	Puebla	4/23/15	4/26/16
	Saint Augustine	1/1/16	1/1/17
	Tallahassee CLC	**8/14/15**	**8/14/16**
	Virginia Beach AMSC	6/16/15	6/13/16
	Washington NMNH	3/20/15	3/20/17
JTM	Edmonton TWS	12/26/13	6/30/16
	Johor Bahru TGV	**9/17/15**	**8/31/16**
	Penang TGV	**9/17/15**	**8/31/16**
	Petaling Jaya SP TGV	**9/17/15**	**8/31/16**
	Petaling Jaya Ut TGV	**9/17/15**	**8/31/16**
JTS	Birmingham AL	2/13/15	3/15/16
	Chantilly	5/1/15	5/1/16
	Charlotte DP	9/19/15	9/19/16
	Chicago MSI	3/19/15	2/16/16
	Cincinnati MC	10/9/15	10/9/16
	Copenhagen TBP	3/26/15	6/22/16
	Corpus Christi Lex	5/22/15	5/31/16
	Davenport Put	1/31/15	2/21/16
	Dayton	3/6/15	3/5/16
	Denver MNS	8/14/15	8/14/16
	Des Moines	3/1/15	5/31/16
	Detroit MSC	6/13/15	2/12/16
	Hampton VASC	2/21/15	2/21/16
	Harrisburg	9/14/15	6/30/16
	Houston MNS	10/1/15	10/1/16
	Houston SCH	**3/14/15**	**3/17/17**
	Huntsville USSRC	**2/13/15**	**8/31/16**
	Hutchinson	**2/20/15**	**7/2/16**
	Kaohsiung NSTM	1/1/16	7/31/16
	KSC 1	2/27/15	3/6/17
	Kuwait SCK	1/4/16	7/3/16
	Las Palmas	5/30/15	5/30/16
	Lehi	1/1/16	6/30/17
	Leon Exp	12/1/15	5/31/16
	Los Angeles CSC	10/29/15	9/1/16
	Louisville KSC	4/3/15	3/31/16
	Melbourne MV	3/12/15	3/11/16
	Memphis Pink	1/9/16	6/30/16
	New Orleans	11/19/15	11/19/16
	Orlando SC	7/2/15	12/31/16
	Oulu	11/2/15	5/1/16
	Philadelphia FI	6/20/15	6/20/16
	Portland OMSI	3/20/15	3/20/16
	Salt Lake City Clark	5/15/15	5/31/16
	San Diego RHF	3/27/15	
	Tampa MOSI	5/22/15	5/21/16
	Toulouse CDE	2/1/16	1/7/17
	Victoria DCI	2/13/15	2/13/16
JTTSP	Hague	7/1/14	6/30/16
	Paris Geo	5/16/14	2/1/16
	Spokane RP	5/24/15	9/30/16
	Stockholm	2/14/14	2/1/16
Kenya	Kuwait SCK	9/22/15	3/22/16
	Mexico City Pap	11/13/15	6/1/16
LastReef	Chongqing STM	9/8/15	9/10/16
	Hutchinson	10/5/12	9/30/16
	Louisville KSC	2/8/14	6/30/16
	Salt Lake City Clark	10/9/15	8/31/16
	Sioux Falls	1/30/15	6/30/16
	Tallahassee CLC	1/17/14	6/30/16
LITAOA	Austin Reg	4/10/15	4/9/16
	Chantilly	5/1/15	4/9/16
	Columbus COSI	10/14/15	10/13/16
	Dayton	9/8/15	9/4/16
	Des Moines	6/5/15	6/4/16
	Edmonton TWS	6/12/15	6/11/16
	Garden City	4/10/15	4/9/16
	Harrisburg	7/22/15	7/9/16
	Huntsville USSRC	4/10/15	4/9/16
	Lehi	4/10/15	4/9/16
	London BFI	10/16/15	10/15/16
	McMinnville	4/10/15	4/9/16
	Memphis Pink	9/12/15	9/11/16
	Mobile	9/15/15	4/15/16
	Montreal SC	10/30/15	10/29/16
	Orlando SC	11/13/15	11/19/16
	Pensacola NAM	4/10/15	4/9/16
	Saint Augustine	8/19/15	8/18/16
	Washington NASM	4/10/15	4/9/16
LivingSe	Hartberg	10/1/13	2/1/16
	Rochester MSC	7/1/15	6/30/16
LOF	McMinnville	3/23/12	6/15/16
MOF	**Pensacola NAM**	**11/8/96**	
	Speyer Dome	1/1/15	2/1/16
MOTN	Alexandria BA	10/1/13	12/31/16
	Cairo EMA	12/15/15	12/14/16
	Pittsburgh CSC		12/31/16
MOTUW	Calgary TS	7/1/14	
	Detroit MSC	10/7/15	10/6/16
	Guayaquil	4/1/15	3/31/16
	Hague	10/1/15	9/16
	Hampton VASC	9/18/15	9/17/16
	Lubbock SS	9/18/15	9/17/16
	Mexicali	11/20/15	5/31/16
	Montreal SC	9/18/15	9/17/16
	Raleigh	11/1/15	12/31/16
	Stockholm	9/18/15	9/1/16
	Taichung NMNS	7/1/15	6/30/16
	Valencia Spn	7/1/14	6/30/16
	Victoria DCI	10/9/15	10/8/16
MTM	Leon Exp	1/14/16	2/8/16
MTTM	Guayaquil	4/1/15	3/31/16
Mummies	Sudbury	3/7/15	3/6/16
ND	New Delhi ICC		
Niagara	Niagara Can DCI	7/1/86	
	Niagara NY DCI	5/1/07	
NPA	**Atlanta FMNH**	**2/12/16**	
	Austin TSHM	**2/12/16**	
	Boston MOS	**2/12/16**	
	Chattanooga TA	**2/12/16**	
	Chicago MSI	**2/12/16**	
	Cincinnati MC	**2/12/16**	
	Columbus COSI	**2/12/16**	
	Copenhagen TBP	**2/12/16**	
	Davenport Put	**2/12/16**	
	Dearborn THF	**3/25/16**	
	Des Moines	**2/12/16**	
	Detroit MSC	**2/12/16**	
	Edmonton TWS	**2/12/16**	
	Fort Lauderdale	**2/12/16**	
	Fort Worth	**2/12/16**	
	Galveston	**3/5/16**	
	Hague	**2/16/16**	
	Houston MNS	**2/12/16**	
	Hutchinson	**2/19/16**	
	Indianapolis Imx	**2/12/16**	
	Jersey City	**2/12/16**	
	London BFI	**2/12/16**	
	Los Angeles CSC	**2/12/16**	
	Louisville KSC	**2/12/16**	
	Lucerne	**3/17/16**	
	Melbourne MV	**2/25/16**	
	Memphis Pink	**3/5/16**	
	Mexico City Pap	**3/18/16**	
	New York AMNH	**2/12/16**	
	Nuremberg	**3/3/16**	
	Omaha Zoo	**2/12/16**	
	Orlando SC	**2/12/16**	
	Philadelphia FI	**2/20/16**	
	Pittsburgh CSC	**2/12/16**	
	Portland OMSI	**2/12/16**	
	Raleigh	**2/27/16**	
	Regina	**2/12/16**	
	Sacramento Imx	**2/19/16**	
	Saint Augustine	**2/12/16**	
	Saint Louis SC	**2/12/16**	
	Saint Paul SMM	**3/4/16**	
	Salt Lake City Clark	**2/12/16**	
	San Diego RHF	**3/18/16**	
	San Jose Tech	**2/12/16**	
	Seattle PSC 2	**2/12/16**	
	Shreveport	**2/12/16**	
	Sinsheim	**3/4/16**	
	Sudbury	**2/12/16**	
	Sydney WBS	**2/25/16**	
	Tallahassee CLC	**2/19/16**	
	Tampa MOSI	**2/12/16**	
	Tijuana	**2/19/16**	
	Vancouver TWS	**2/12/16**	
	Victoria DCI	**2/12/16**	
	Virginia Beach AMSC	**2/12/16**	
	Washington NMNH	**2/12/16**	
	Zion	**2/12/16**	
OO	Birmingham AL	6/15/15	6/30/16
Ozarks	Branson	9/93	12/16
PTJH	Apple Valley Imx	2/20/15	2/18/16
	Bogota Mal	5/22/15	5/21/16
	Charlotte DP	11/14/15	5/31/16
	Chicago Imx	2/13/15	12/12/16
	Hague	6/9/15	6/16
	Harrisburg	1/24/15	1/9/17
	Hastings	6/1/15	5/31/16
	Hutchinson	12/18/15	12/17/16
	Kuwait SCK	4/17/15	5/17/16
	Lucerne	9/18/14	6/30/16
	Melbourne MV	6/18/15	5/31/16
	Singapore SC	5/30/15	4/30/16
	Tijuana	10/17/15	10/16/16
RATW	Birmingham AL	6/15/15	6/30/16
Rescue	McMinnville	6/1/12	12/31/16
Rheged	Penrith	7/1/00	
RME	Melbourne MV	3/26/15	3/26/16
	Pittsburgh CSC	11/26/14	11/25/16
RobotsNG	Albuquerque NMMNH	9/5/15	9/4/16
	Bradford	9/4/15	12/31/16
	Cleveland	11/1/15	10/1/16
	Davenport Put	11/1/15	10/31/16
	Fort Worth	6/5/15	6/4/16
	Hampton VASC	6/20/15	6/19/16
	Houston MNS	10/2/15	10/1/16
	Huntsville USSRC	6/5/15	6/4/16
	Jersey City	6/5/15	6/4/16
	Kansas City Sci	6/5/15	6/4/16
	Lehi	6/5/15	6/4/16
	London SM	5/23/15	5/22/16
	Lubbock SS	6/19/15	6/18/16
	McMinnville	11/6/15	3/8/16
	Orlando SC	6/13/15	6/4/16
	Pittsburgh CSC	9/4/15	9/3/16
	Saint Louis SC	6/5/15	6/4/16
	San Jose Tech	10/3/15	10/2/16
	Shanghai 3D STM	7/1/15	6/30/16
	Tallahassee CLC	10/16/15	10/15/16
SeaRex	Keelung NMMST	1/1/16	12/31/16
	Penrith	9/7/15	8/1/16
	Shanghai 3D STM	1/4/15	3/31/16
SpaceNex	Columbus GA NIM	12/4/15	12/31/16
	Copenhagen TBP	12/17/15	9/15/16
TA	Baltimore MSC	4/1/15	6/30/16
	Harrisburg	10/8/14	6/30/16
	Houston MNS	1/1/15	7/31/16
	Kansas City Sci	9/25/15	5/31/16
	Memphis Pink	3/8/14	6/30/16
TinyGian	Columbus COSI	3/1/15	9/30/16
	Davenport Put	9/25/15	9/25/16
	Erie	9/8/15	9/30/16
	Hastings	9/24/15	9/30/16
	Melbourne MV	9/17/15	9/30/16
	Raleigh	9/19/15	9/30/16
	Seattle PSC 1	9/12/15	9/12/16
TOTIA	Branson	5/22/15	5/30/16
	Harrisburg	10/18/14	6/30/16
	Hastings	2/1/13	6/30/16

Film	Theater	Open	Close
	Houston MNS	1/22/13	7/31/16
	Hutchinson	3/1/13	6/30/16
	Louisville KSC	11/28/13	6/30/16
	Melbourne MV	6/7/13	3/31/16
	Phoenix ASC	8/20/15	8/31/16
	Saint Félicien	5/1/14	5/31/16
	Sioux Falls	6/30/15	6/30/16
TTA	**Copenhagen TBP**	**8/1/15**	**4/1/16**
	Lucerne	5/8/15	2/1/16
	Paris Geo	**10/6/15**	**4/1/16**
	Vancouver TWS		**6/30/16**
VanGogh	Hague	9/1/15	2/1/16
	Peoria RM	**3/22/16**	**2/1/17**
	Victoria DCI	1/15/16	2/14/16
Vikings	Gatineau	12/1/15	12/31/16

Film	Theater	Open	Close
Vulcania	Vulcania	2/22/02	
WATE	Katoomba	6/1/97	
WildAfri	Albuquerque NMMNH	12/19/15	12/31/16
	Boston MOS	11/20/15	11/30/16
	Fort Lauderdale	10/1/15	9/30/16
	Montreal SC	12/18/15	12/31/16
WildCats	Lucerne	11/5/15	11/4/16
WM	Hastings	7/3/15	7/31/16
	Portland OMSI	10/1/15	3/31/16
	Seattle PSC 1	5/29/15	5/28/16
	Victoria DCI	5/1/15	5/31/16
WOTA	Al Khobar	6/1/15	6/30/16
	Atlanta FMNH	10/2/15	10/31/16
	Beijing CFM	3/1/15	3/1/16
	Hutchinson	8/28/14	9/30/16

Film	Theater	Open	Close
	Lubbock SS	11/13/15	11/30/16
WTTR3D	Port of Spain	9/1/15	9/30/16
WWDPP3D	Albuquerque NMMNH	3/31/15	3/31/16
	Bradford	9/16/15	9/30/16
	Columbus COSI	9/15/14	5/31/16
	Denver MNS	2/13/15	2/29/16
	Edmonton TWS	5/1/15	5/31/16
	Memphis Pink	5/21/15	6/30/16
	Peoria RM	2/1/15	5/31/16
	Portland OMSI	8/22/14	8/31/16
	Sioux Falls	9/25/15	9/30/16
	Tallahassee CLC	4/1/15	4/30/16
	Virginia Beach AMSC	6/30/15	6/30/16
Yell	Yellowstone	5/1/14	12/31/16
ZionCany	Zion	7/1/08	

February-March 2016 by Theater

Theater	Film	Open	Close
Al Khobar	G3DNW	8/20/15	8/21/16
	WOTA	6/1/15	6/30/16
Albuquerque NMMNH	JMCSO	5/23/15	2/22/16
	RobotsNG	9/5/15	9/4/16
	WildAfri	12/19/15	12/31/16
	WWDPP3D	3/31/15	3/31/16
Alexandria BA	CV	10/1/13	12/31/16
	CV		12/31/16
	MOTN	10/1/13	12/31/16
Apple Valley Imx	**FOTB**	**6/5/15**	**12/31/16**
	G3DNW	10/3/14	4/2/16
	PTJH	2/20/15	2/18/16
Athens Eug	HidUniv	3/20/15	2/1/16
Atlanta FMNH	HumpbWha	2/13/15	2/12/16
	Jerusale	1/3/14	3/5/16
	NPA	**2/12/16**	
	WOTA	10/2/15	10/31/16
Atlantic City	HumpbWha	2/13/15	2/12/16
Austin Reg	LITAOA	4/10/15	4/9/16
Austin TSHM	**FOTB**	**10/1/15**	**10/31/16**
	HumpbWha	2/13/15	2/12/16
	NPA	**2/12/16**	
Baltimore MSC	Everest	9/15/15	9/14/16
	Greece	9/15/15	9/14/16
	HumpbWha	7/1/15	6/30/16
	JIAC	9/15/15	9/14/16
	TA	4/1/15	6/30/16
Baton Rouge LASM	FOTB	9/1/15	8/31/16
Beijing CFM	WOTA	3/1/15	3/1/16
Berlin CS	G3DNW	4/20/14	10/9/16
	HumpbWha	5/1/15	4/30/16
Birmingham AL	GWS	2/13/15	2/29/16
	JTS	2/13/15	3/15/16
	OO	6/15/15	6/30/16
	RATW	6/15/15	6/30/16
Bogota Mal	Dragons	5/1/15	5/31/16
	PTJH	5/22/15	5/21/16
Boston MOS	HumpbWha	2/13/15	2/12/16
	NPA	**2/12/16**	
	WildAfri	11/20/15	11/30/16
Boston NEA	G3DNW	2/15/16	12/31/16
	GWS	5/31/13	2/29/16
	HumpbWha	2/13/15	2/12/16
	JMCSO	4/16/15	4/16/16
Bradford	RobotsNG	9/4/15	12/31/16
	WWDPP3D	9/16/15	9/30/16
Branson	Ozarks	9/93	12/16
	TOTIA	5/22/15	5/30/16
Budapest CC	G3DNW	4/24/14	5/21/16
Cairo EMA	MOTN	12/15/15	12/14/16
Calgary TS	**Bugs**	**9/28/15**	**9/28/16**
	MOTUW	7/1/14	
Chandigarh	AIWC	9/5/14	9/4/16
Chantilly	D-Day		6/30/16
	JTS	5/1/15	5/1/16
	LITAOA	5/1/15	4/9/16
Chantilly I	FightPil	12/10/04	7/16
Charlotte DP	GWS	5/9/15	5/31/16
	JTS	9/19/15	9/19/16
	PTJH	11/14/15	5/31/16
Chattanooga TA	**HumpbWha**	**3/6/15**	**3/6/16**
	NPA	**2/12/16**	
Chicago Imx	PTJH	2/13/15	12/12/16
Chicago MSI	**D-Day**	**5/23/14**	**6/30/16**
	FOTB	2/28/14	6/30/16
	HumpbWha	5/29/15	5/28/16
	JTS	3/19/15	2/16/16

Theater	Film	Open	Close
	NPA	**2/12/16**	
Chongqing STM	LastReef	9/8/15	9/10/16
Cincinnati MC	D-Day	5/15/15	
	FOTB	2/14/13	6/30/16
	HumpbWha	2/13/15	2/12/16
	JTS	10/9/15	10/9/16
	NPA	**2/12/16**	
Cleveland	D-Day	5/8/15	5/22/16
	FOTB	11/27/13	6/30/16
	RobotsNG	11/1/15	10/1/16
Columbus COSI	Bugs	9/15/14	6/30/16
	FOTB	9/1/14	6/30/16
	HumpbWha	6/1/15	3/10/16
	Jerusale	2/11/15	2/10/16
	JMCSO	9/25/15	5/30/16
	LITAOA	10/14/15	10/13/16
	NPA	**2/12/16**	
	TinyGian	3/1/15	9/30/16
	WWDPP3D	9/15/14	5/31/16
Columbus GA NIM	D-Day	5/23/14	5/22/16
	SpaceNex	12/4/15	12/31/16
Copenhagen TBP	**Bugs**	**3/1/13**	**3/31/16**
	G3DNW	2/8/14	2/7/16
	HumpbWha	10/8/15	10/7/16
	JMCSO	6/25/15	6/25/16
	JTS	3/26/15	6/22/16
	NPA	**2/12/16**	
	SpaceNex	12/17/15	9/15/16
	TTA	**8/1/15**	**4/1/16**
Corpus Christi Lex	FightPil	5/12/12	7/16
	JTS	5/22/15	5/31/16
Davenport Put	**D-Day**	**5/22/15**	
	FOTB	2/15/13	6/30/16
	G3DNW	10/17/14	10/16/16
	JTS	1/31/15	2/21/16
	NPA	**2/12/16**	
	RobotsNG	11/1/15	10/31/16
	TinyGian	9/25/15	9/25/16
Dayton	D-Day	5/24/14	6/30/16
	FightPil	3/1/13	6/30/16
	JTS	3/6/15	3/5/16
	LITAOA	9/8/15	9/4/16
Dearborn THF	HumpbWha	2/13/15	6/13/16
	JMCSO	2/27/15	12/31/16
	NPA	**3/25/16**	
Denver MNS	G3DNW	8/1/15	7/31/16
	HumpbWha	6/5/15	6/4/16
	JMCSO	8/14/15	8/14/16
	JTS	8/14/15	8/14/16
	WWDPP3D	2/13/15	2/29/16
Des Moines	Jerusale	7/1/15	6/30/16
	JTS	3/1/15	5/31/16
	LITAOA	6/5/15	6/4/16
	NPA	**2/12/16**	
Detroit MSC	DinoAliv	10/17/15	10/31/16
	HumpbWha	2/13/15	2/12/16
	JTS	6/13/15	2/12/16
	MOTUW	10/7/15	10/6/16
	NPA	**2/12/16**	
Dongguan STM	**HOTB**	**3/1/16**	**2/28/17**
Edmonton TWS	Bugs	12/26/13	6/30/16
	FOTB	12/26/13	6/30/16
	HumpbWha	10/2/15	10/1/16
	JTM	12/26/13	6/30/16
	LITAOA	6/12/15	6/11/16
	NPA	**2/12/16**	
	WWDPP3D	5/1/15	5/31/16

Theater	Film	Open	Close
Erie	D-Day	11/11/15	7/7/16
	DSC	6/6/15	6/5/16
	TinyGian	9/8/15	9/30/16
Fort Lauderdale	HumpbWha	2/13/15	2/12/16
	NPA	**2/12/16**	
	WildAfri	10/1/15	9/30/16
Fort Worth	**Bugs**	**2/1/16**	**6/3/16**
	CRA	1/5/15	5/27/16
	D-Day	9/5/15	2/5/16
	HumpbWha	3/6/15	3/5/16
	NPA	**2/12/16**	
	RobotsNG	6/5/15	6/4/16
Galveston	GWS	6/28/14	12/31/16
	HumpbWha	5/23/15	5/22/16
	JMCSO	3/6/15	3/6/17
	NPA	**3/5/16**	
Garden City	LITAOA	4/10/15	4/9/16
Gatineau	Dolphins	7/17/15	12/31/16
	FOTB	10/5/12	6/30/16
	G3DNW	10/10/14	6/30/16
	GCA	5/1/13	3/31/16
	Greece		12/31/16
	JIAC	7/17/15	12/31/16
	JMCSO	9/4/15	9/30/16
	Vikings	12/1/15	12/31/16
Glasgow	HidUniv	5/2/14	2/1/16
Grand Canyon DCI	GC	11/1/99	12/16
Guayaquil	G3DNW	4/20/14	5/4/16
	MOTUW	4/1/15	3/31/16
	MTTM	4/1/15	3/31/16
Hague	**D-Day**	**2/10/15**	**2/15/16**
	Dolphins	**10/11/11**	**4/1/16**
	Everest	5/8/15	5/9/16
	Jerusale	3/31/14	6/30/16
	JTTSP	7/1/14	6/30/16
	MOTUW	10/1/15	9/16
	NPA	**2/16/16**	
	PTJH	6/9/15	6/16
	VanGogh	9/1/15	2/1/16
Hampton VASC	**D-Day**	**5/23/14**	**5/22/16**
	FOTB	3/29/13	6/30/16
	JTS	2/21/15	2/21/16
	MOTUW	9/18/15	9/17/16
	RobotsNG	6/20/15	6/19/16
Hangzhou Bro	**D-Day**	**6/1/15**	**6/6/16**
Harrisburg	D-Day	6/6/15	
	GCA	11/1/14	12/31/16
	Jerusale	10/18/14	10/31/16
	JTS	9/14/15	6/30/16
	LITAOA	7/22/15	7/9/16
	PTJH	1/24/15	1/9/17
	TA	10/8/14	6/30/16
	TOTIA	10/18/14	6/30/16
Hartberg	CRA	3/25/15	2/1/16
	DIA	**3/25/15**	**4/1/16**
	LivingSe	10/1/13	2/1/16
Hartford CSC	G3DNW	11/27/15	4/10/16
Hastings	FOTB	3/17/13	6/30/16
	G3DNW	**2/10/15**	**6/12/16**
	JMCSO	2/11/16	2/11/17
	PTJH	6/1/15	5/31/16
	TinyGian	9/24/15	9/30/16
	TOTIA	2/1/13	6/30/16
	WM	7/3/15	7/31/16
Houston MNS	HumpbWha	3/13/15	3/12/16
	JMCSO	5/22/15	5/22/16
	JTS	10/1/15	10/1/16

Theater	Film	Open	Close
	NPA	**2/12/16**	
	RobotsNG	10/2/15	10/1/16
	TA	1/1/15	7/31/16
	TOTIA	1/22/13	7/31/16
Houston SCH	**JTS**	**3/14/15**	**3/17/17**
Huntsville USSRC	FightPil	7/1/13	7/1/16
	HidUniv	7/2/13	2/1/16
	JTS	**2/13/15**	**8/31/16**
	LITAOA	4/10/15	4/9/16
	RobotsNG	6/5/15	6/4/16
Hutchinson	AirRacer	1/1/15	12/31/16
	D-Day	4/21/14	12/31/16
	JTS	**2/20/15**	**7/2/16**
	LastReef	10/5/12	9/30/16
	NPA	**2/19/16**	
	PTJH	12/18/15	12/17/16
	TOTIA	3/1/13	6/30/16
	WOTA	8/28/14	9/30/16
Indianapolis Imx	**G3DNW**	**9/21/15**	**6/12/16**
	GCA	**3/11/16**	**12/31/16**
	NPA	**2/12/16**	
Jersey City	HumpbWha	2/13/15	2/12/16
	NPA	**2/12/16**	
	RobotsNG	6/5/15	6/4/16
Johor Bahru TGV	**JTM**	**9/17/15**	**8/31/16**
Kansas City Sci	RobotsNG	6/5/15	6/4/16
	TA	9/25/15	5/31/16
Kaohsiung NSTM	JTS	1/1/16	7/31/16
Katoomba	WATE	6/1/97	
Katowice CC	G3DNW	6/18/14	9/19/16
Keelung NMMST	JMCSO	1/1/16	12/31/16
	SeaRex	1/1/16	12/31/16
Killeen	DPTP	5/12	5/16
Kolkata SC	**AJ**	**1/16**	
Krakow CC	G3DNW	6/18/14	9/19/16
KSC 1	JTS	2/27/15	3/6/17
Kuwait SCK	G3DNW	10/3/14	4/2/16
	JMCSO	7/17/15	7/17/16
	JTS	1/4/16	7/3/16
	Kenya	9/22/15	3/22/16
	PTJH	4/17/15	5/17/16
Las Palmas	JTS	5/30/15	5/30/16
Lehi	JMCSO	8/7/15	4/7/16
	JTS	1/1/16	6/30/17
	LITAOA	4/10/15	4/9/16
	RobotsNG	6/5/15	6/4/16
Leon Exp	JTS	12/1/15	5/31/16
	MTM	1/14/16	2/8/16
Lodz CC	G3DNW	6/18/14	9/19/16
London BFI	D-Day	5/8/15	
	LITAOA	10/16/15	10/15/16
	NPA	**2/12/16**	
London SM	HidUniv	10/18/13	2/1/16
	RobotsNG	5/23/15	5/22/16
Los Angeles CSC	HumpbWha	7/3/15	7/2/16
	JTS	10/29/15	9/1/16
	NPA	**2/12/16**	
Louisville KSC	D-Day	5/23/14	7/31/16
	DPTP	6/14	7/16
	FOTB	9/30/12	6/30/16
	G3DNW	6/18/15	6/17/16
	JTS	4/3/15	3/31/16
	LastReef	2/8/14	6/30/16
	NPA	**2/12/16**	
	TOTIA	11/28/13	6/30/16
Lubbock SS	**FOTB**	**3/11/16**	**6/30/16**
	HumpbWha	2/13/15	2/12/16
	MOTUW	9/18/15	9/17/16
	RobotsNG	6/19/15	6/18/16
	WOTA	11/13/15	11/30/16
Lucerne	G3DNW	6/5/14	6/4/16
	Jerusale	7/1/15	6/30/16
	JMCSO	**3/17/16**	**3/16/17**
	NPA	**3/17/16**	
	PTJH	9/18/14	6/30/16
	TTA	5/8/15	2/1/16
	WildCats	11/5/15	11/4/16
McMinnville	FightPil	3/23/12	7/1/16
	LITAOA	4/10/15	4/9/16
	LOF	3/23/12	6/15/16
	Rescue	6/1/12	12/31/16
	RobotsNG	11/6/15	3/8/16
Melbourne MV	JTS	3/12/15	3/11/16
	NPA	**2/25/16**	
	PTJH	6/18/15	5/31/16
	RME	3/26/15	3/26/16
	TinyGian	9/17/15	9/30/16
	TOTIA	6/7/13	3/31/16
Memphis Pink	FOTB	3/1/14	5/23/16
	HumpbWha	3/7/15	3/7/16
	JTS	1/9/16	6/30/16
	LITAOA	9/12/15	9/11/16
	NPA	**3/5/16**	
	TA	3/8/14	6/30/16
	WWDPP3D	5/21/15	6/30/16
Mexicali	GCA	5/21/15	5/20/16
	GWS	6/26/15	3/31/16
	MOTUW	11/20/15	5/31/16
Mexico City Pap	G3DNW	3/27/15	3/26/16
	Kenya	11/13/15	6/1/16
	NPA	**3/18/16**	
Milwaukee	DSC	10/6/15	6/30/16
	Jerusale	10/9/15	6/30/16
Mobile	LITAOA	9/15/15	4/15/16
Monterrey Pap	GCA	11/1/15	2/28/16
	HumpbWha	**2/23/16**	**6/22/16**
Montreal SC	LITAOA	10/30/15	10/29/16
	MOTUW	9/18/15	9/17/16
	WildAfri	12/18/15	12/31/16
Moscow BFC	G3DNW	10/6/14	10/31/16
Nagasaki SM	G3DNW	8/1/15	3/31/16
New Delhi ICC	ND		
New Orleans	G3DNW	5/22/15	2/1/16
	GWS	10/6/15	6/30/16
	HumpbWha	3/6/15	3/5/16
	JMCSO	**2/12/16**	**2/2/17**
	JTS	11/19/15	11/19/16
New York AMNH	**NPA**	**2/12/16**	
Niagara Can DCI	Niagara	7/1/86	
Niagara NY DCI	Niagara	5/1/07	
Norwalk MA	FOTB	5/22/15	10/7/16
	HumpbWha	2/13/15	5/12/16
Nuremberg	G3DNW	10/15/14	5/19/16
	HumpbWha	4/30/15	4/29/16
	NPA	**3/3/16**	
Omaha Zoo	G3DNW	8/1/15	6/30/16
	HumpbWha	3/15/15	2/28/16
	NPA	**2/12/16**	
Orlando SC	FOTB	3/1/14	6/30/16
	G3DNW	**7/5/14**	**1/4/17**
	GreatApe	4/3/15	3/11/16
	HidUniv	6/13/14	4/2/16
	HumpbWha	2/13/15	2/12/16
	JTS	7/2/15	12/31/16
	LITAOA	11/13/15	11/19/16
	NPA	**2/12/16**	
	RobotsNG	6/13/15	6/4/16
Oulu	JTS	11/2/15	5/1/16
Paris Geo	D-Day	4/2/14	6/30/16
	HumpbWha	7/7/15	7/6/16
	JTTSP	5/16/14	2/1/16
	TTA	**10/6/15**	**4/1/16**
Parker	DSC	9/26/15	3/25/16
	GreatApe	1/30/16	7/29/16
Penang TGV	**JTM**	**9/17/15**	**8/31/16**
Penrith	Rheged	7/1/00	
	SeaRex	9/7/15	8/1/16
Pensacola NAM	**D-Day**	**10/1/14**	
	LITAOA	4/10/15	4/9/16
	MOF	**11/8/96**	
Peoria RM	**D-Day**	**4/2/15**	
	Jerusale	11/14/15	11/13/16
	VanGogh	**3/22/16**	**2/1/17**
	WWDPP3D	2/1/15	5/31/16
Petaling Jaya SP TGV	**JTM**	**9/17/15**	**8/31/16**
Petaling Jaya Ut TGV	**JTM**	**9/17/15**	**8/31/16**
Philadelphia FI	HumpbWha	6/20/15	6/19/16
	JTS	6/20/15	6/20/16
	NPA	**2/20/16**	
Phoenix ASC	D-Day	5/15/15	
	JMCSO	2/12/16	7/28/16
	TOTIA	8/20/15	8/31/16
Pittsburgh CSC	Animalop	1/1/10	
	CRA	10/1/15	7/1/16
	D-Day	5/15/15	12/31/16
	FOTB	3/15/13	6/30/16
	GCA	1/1/16	2/1/16
	Jerusale	3/7/14	12/31/16
	MOTN		12/31/16
	NPA	**2/12/16**	
	RME	11/26/14	11/25/16
	RobotsNG	9/4/15	9/3/16
Poitiers Solido	JMCSO	2/1/16	12/31/16
Port of Spain	DinoAliv	9/1/15	9/30/16
	HumpbWha	3/12/15	3/11/16
	WTTR3D	9/1/15	9/30/16
Portland OMSI	DinoAliv	5/23/14	5/30/16
	FOTB	1/7/15	6/30/16
	Jerusale	11/18/13	11/20/16
	JMCSO	**2/20/15**	**2/27/17**
	JTS	3/20/15	3/20/16
	NPA	**2/12/16**	
	WM	10/1/15	3/31/16
	WWDPP3D	8/22/14	8/31/16
Poznan CC	G3DNW	6/18/14	9/19/16
Prague CC	G3DNW	5/22/14	5/21/16
Puebla	JMCSO	4/23/15	4/26/16
Raleigh	Bugs	7/5/14	6/30/16
	D-Day	**5/23/14**	**2/1/17**
	FOTB	10/19/12	6/30/16
	HumpbWha	3/20/15	4/23/16
	MOTUW	11/1/15	12/31/16
	NPA	**2/27/16**	
	TinyGian	9/19/15	9/30/16
Regina	HumpbWha	11/20/15	11/19/16
	NPA	**2/12/16**	
Richmond SMV	GWS	3/15/14	3/15/16
	HumpbWha	3/14/15	2/12/16
Rochester MSC	LivingSe	7/1/15	6/30/16
Sacramento Imx	FOTB	8/13/13	6/30/16
	GWS	2/20/15	2/29/16
	NPA	**2/19/16**	
Saint Augustine	G3DNW	4/1/15	3/31/16
	GWS	8/9/13	9/8/16
	HumpbWha	2/13/15	2/12/16
	JMCSO	1/1/16	1/1/17
	LITAOA	8/19/15	8/18/16
	NPA	**2/12/16**	
Saint Félicien	TOTIA	5/1/14	5/31/16
Saint Louis SC	HumpbWha	2/13/15	2/12/16
	Jerusale	10/4/13	6/3/16
	NPA	**2/12/16**	
	RobotsNG	6/5/15	6/4/16
Saint Paul SMM	GWS	2/20/15	2/29/16
	HumpbWha	10/9/15	10/8/16
	NPA	**3/4/16**	
Salt Lake City Clark	HumpbWha	2/13/15	2/12/16
	IOLM	4/4/14	4/29/16
	JTS	5/15/15	5/31/16
	LastReef	10/9/15	8/31/16
	NPA	**2/12/16**	
San Antonio 2D AMC	Alamo		
San Antonio 3D AMC	FOTB	5/15/15	5/14/16
San Diego RHF	FOTB	10/12/12	9/30/16
	HumpbWha	2/13/15	2/12/16
	Jerusale	11/20/15	10/31/16
	JTS	3/27/15	
	NPA	**3/18/16**	
San Jose Tech	FOTB	2/9/13	6/30/16
	HumpbWha	2/13/15	2/12/16
	Jerusale	3/27/15	6/30/16
	NPA	**2/12/16**	
	RobotsNG	10/3/15	10/2/16
San Simeon DCI	HCBTD	8/17/96	
Seattle PSC 1	GWS	9/19/14	9/19/16
	TinyGian	9/12/15	9/12/16
	WM	5/29/15	5/28/16
Seattle PSC 2	FightPil	6/14/13	6/14/16
	G3DNW	11/20/15	4/30/17
	HumpbWha	4/27/15	5/15/16
	NPA	**2/12/16**	
Shanghai 3D STM	Amazon	8/31/15	8/30/16
	FOTB	1/1/16	12/31/16
	GCA		2/1/16
	RobotsNG	7/1/15	6/30/16
	SeaRex	1/4/15	3/31/16
Shreveport	**NPA**	**2/12/16**	
Singapore DC	**G3DNW**	**3/1/16**	**3/31/16**
Singapore SC	PTJH	5/30/15	4/30/16
Sinsheim	GCA	10/31/09	12/31/16
	HumpbWha	5/21/15	5/20/16
	NPA	**3/4/16**	
Sioux Falls	DSC	10/2/15	3/31/16
	GWS	1/30/15	6/30/16
	LastReef	1/30/15	6/30/16
	TOTIA	6/30/15	6/30/16
	WWDPP3D	9/25/15	9/30/16
Speyer Dome	Dolphins		2/1/16
	MOF	1/1/15	2/1/16
Spokane RP	Everest	4/1/15	9/30/16
	GCA	5/1/15	12/31/16
	JTTSP	5/24/15	9/30/16
Stockholm	JTTSP	2/14/14	2/1/16
	MOTUW	9/18/15	9/1/16
Sudbury	HumpbWha	9/24/15	10/6/16
	Mummies	3/7/15	3/6/16
	NPA	**2/12/16**	
Sydney WBS	**D-Day**	**9/4/14**	**2/28/16**
	HumpbWha	4/23/15	4/2/16
	NPA	**2/25/16**	
Syracuse MOST	FOTB	7/4/15	7/3/16
	GCA	4/4/15	4/3/16
Taichung NMNS	FOTB	7/1/15	6/30/16

Theater	Film	Open	Close
	MOTUW	7/1/15	6/30/16
Taipei AM	APE	4/1/15	4/1/16
	HidUniv	7/1/15	6/30/16
Tallahassee CLC	D-Day	6/5/15	6/30/16
	FOTB	1/18/13	6/30/16
	GWS	6/15/13	6/30/16
	HidUniv	2/14/14	2/1/16
	HumpbWha	2/20/15	2/20/16
	Jerusale	11/15/14	11/27/16
	JMCSO	**8/14/15**	**8/14/16**
	LastReef	1/17/14	6/30/16
	NPA	**2/19/16**	
	RobotsNG	10/16/15	10/15/16
	WWDPP3D	4/1/15	4/30/16
Tampa MOSI	JTS	5/22/15	5/21/16
	NPA	**2/12/16**	
Tijuana	Jerusale	4/1/15	3/14/16
	NPA	**2/19/16**	
	PTJH	10/17/15	10/16/16
Toronto OSC	HumpbWha	5/15/15	5/14/16
Toulouse CDE	JTS	2/1/16	1/7/17
Valencia Spn	FOTB	7/1/15	6/30/16
	HidUniv	4/1/14	6/30/16
	MOTUW	7/1/14	6/30/16
Vancouver TWS	Bugs	3/11/06	6/30/16
	D-Day	11/7/15	11/11/16
	FOTB	6/16/13	6/30/16
	HumpbWha	10/9/15	10/8/16
	NPA	**2/12/16**	
	TTA		**6/30/16**
Victoria DCI	Dragons	5/1/15	5/31/16
	FOTB	4/5/13	6/30/16
	G3DNW	**9/14/15**	**4/28/16**
	GWS	2/13/15	2/29/16
	HumpbWha	6/19/15	6/18/16
	JTS	2/13/15	2/13/16
	MOTUW	10/9/15	10/8/16
	NPA	**2/12/16**	
	VanGogh	1/15/16	2/14/16
	WM	5/1/15	5/31/16
Virginia Beach AMSC	GWS	5/29/14	6/30/16
	HumpbWha	9/8/15	9/7/16
	JMCSO	6/16/15	6/13/16
	NPA	**2/12/16**	
	WWDPP3D	6/30/15	6/30/16
Vulcania	Vulcania	2/22/02	
Warsaw CC	G3DNW	6/18/14	9/19/16
Washington NASM	**D-Day**	**5/23/14**	**6/30/16**
	HidUniv	**1/30/14**	**4/1/16**
	LITAOA	4/10/15	4/9/16
Washington NMNH	DinoAliv	5/15/15	5/31/16
	FOTB	10/5/12	1/13/17
	JMCSO	3/20/15	3/20/17
	NPA	**2/12/16**	
Yellowstone	Yell	5/1/14	12/31/16
Zion	**NPA**	**2/12/16**	
	ZionCany	7/1/08	

Key to Film Abbreviations

Film	Title	Year		Dist
AirRacer	Air Racers 3D: Forces of Flight	2012	3D	3DED
AIWC	Adventures in Wild California	2000		MFF
AJ	Amazing Journeys	1999		HMNS
Alamo	Alamo: The Price of Freedom	1988		MFF
Amazon	Amazon	1997		MFF
Animalop	Animalopolis	2008	3D	K2
APE	Antarctica's Penguin Emperors 3D	2014	3D	K2
Bugs	Bugs!	2003	3D	SKF
CRA	Coral Reef Adventure	2003		MFF
CV	Cosmic Voyage	1996		IMAX
D-Day	D-Day: Normandy 1944	2014	3D	3DED
DIA	Dream is Alive, The	1985		IMAX
DinoAliv	Dinosaurs Alive	2007	3D	GSF
Dolphins	Dolphins	2000		MFF
DPTP	Dinosaur Passage to Pangaea	2011	3D	CGI
Dragons	Dragons: Real Myths and Unreal Creatures	2013	3D	B&D
DSC	Deepsea Challenge 3D	2015	3D	NGD
Everest	Everest	1998		MFF
FightPil	Fighter Pilot: Operation Red Flag	2004	3D	K2
FOTB	Flight of the Butterflies	2012	3D	SKF
G3DNW	Galapagos 3D: Nature's Wonderland	2014	3D	nWP
GC	Grand Canyon: The Hidden Secrets	1985		NGD
GCA	Grand Canyon Adventure: River at Risk 3D	2008	3D	MFF
GreatApe	Great Apes 3D	2014	3D	nWP
Greece	Greece: Secrets of the Past	2006		MFF
GWS	Great White Shark	2013	3D	GSF
HCBTD	Hearst Castle: Building the Dream	1996		NGD
HidUniv	Hidden Universe	2013	3D	MFF
HOTB	Hurricane on the Bayou	2006		MFF
HumpbWha	Humpback Whales	2015	3D	MFF
IOLM	Island of Lemurs: Madagascar	2014	3D	IMAX
Jerusale	Jerusalem	2013	3D	NGD
JIAC	Journey into Amazing Caves	2001		MFF
JMCSO	Jean-Michel Cousteau's Secret Ocean	2015	3D	3DED
JTM	Journey to Mecca	2009		SKF
JTS	Journey to Space	2015	3D	K2
JTTSP	Journey to the South Pacific	2013	3D	MFF
Kenya	Kenya 3D: Animal Kingdom	2013	3D	3DED
LastReef	Last Reef, The	2012	3D	GSF
LITAOA	Living in the Age of Airplanes	2015		NGD
LivingSe	Living Sea, The	1994		MFF
LOF	Legends of Flight	2010	3D	K2
MOF	Magic of Flight, The	1997		MFF
MOTN	Mystery of the Nile	2005		MFF
MOTUW	Mysteries of the Unseen World	2013	3D	NGD
MTM	Mission to Mir	1997		IMAX
MTTM	Molecules to the Max	2009	3D	SKF
Mummies	Mummies: Secrets of the Pharaohs	2007		GSF
ND	Neelkanth Darshan	2005		unk
Niagara	Niagara: Miracles, Myths, and Magic	1987		NGD
NPA	National Parks Adventure	2016	3D	MFF
OO	Ocean Oasis	2000		GSF
Ozarks	Ozarks: Legacy and Legend	1993		IMAX
PTJH	Pandas: The Journey Home	2014	3D	NGD
RATW	Ride Around the World	2006		GSF
Rescue	Rescue 3D	2011	3D	K2
Rheged	Rheged: The Lost Kingdom	2000		unk
RME	Rocky Mountain Express	2011		SLC
RobotsNG	Robots	2015	3D	NGD
SeaRex	Sea Rex: Journey to a Prehistoric World	2010	3D	3DED
SpaceNex	Space Next 3D	2015	3D	B&D
TA	Tornado Alley	2011	3D	GSF
TinyGian	Tiny Giants 3D	2014	3D	GSF
TOTIA	Titans of the Ice Age	2013	3D	GSF
TTA	To the Arctic	2012	3D	IMAX
VanGogh	Van Gogh: Brush with Genius	2009		MFF
Vikings	Vikings	2004		GSF
Vulcania	Vulcania	2002		unk
WATE	Wild Australia: The Edge	1997		MSI
WildAfri	Wild Africa 3D	2015	3D	GSF
WildCats	Wild Cats 3D	2015	3D	nWP
WM	Watermelon Magic	2013	3D	B&D
WOTA	Wonders of the Arctic	2014	3D	GSF
WTTR3D	Waking the T-Rex: The Story of Sue 3D	2010	3D	GSF
WWDPP3D	Walking With Dinosaurs: Prehistoric Planet 3D	2014	3D	GSF
Yell	Yellowstone	1994		NGD
ZionCany	Zion Canyon	1994		K2

February-March 2016 Bookings Count

#	Film	#	Film	#	Film	#	Film
57	NPA	6	LastReef	2	Greece	1	LOF
51	HumpbWha	5	JTM	2	JIAC	1	MTM
38	JTS	5	TA	2	Kenya	1	MTTM
33	G3DNW	5	WOTA	2	LivingSe	1	Mummies
32	FOTB	4	DinoAliv	2	MOF	1	ND
26	D-Day	4	DSC	2	Niagara	1	OO
23	JMCSO	4	JTTSP	2	RME	1	Ozarks
20	RobotsNG	4	TTA	2	SpaceNex	1	RATW
19	LITAOA	4	WildAfri	1	AirRacer	1	Rescue
15	GWS	4	WM	1	AIWC	1	Rheged
15	Jerusale	3	CRA	1	AJ	1	Vikings
13	MOTUW	3	Dolphins	1	Alamo	1	Vulcania
13	PTJH	3	Everest	1	Amazon	1	WATE
11	WWDPP3D	3	MOTN	1	Animalop	1	WildCats
10	GCA	3	SeaRex	1	APE	1	WTTR3D
10	TOTIA	3	VanGogh	1	DIA	1	Yell
9	HidUniv	2	CV	1	GC	1	ZionCany
7	Bugs	2	DPTP	1	HCBTD		
7	TinyGian	2	Dragons	1	HOTB		
6	FightPil	2	GreatApe	1	IOLM		

Directory of Organizations Mentioned in this Issue of LF Examiner

Distributors' abbreviations are listed in **bold.**

3D Entertainment Distribution Ltd. **3DED**
Ibex House 61-65 Baker Street
Weybridge, Surrey KT13 8AH UNITED KINGDOM
Tel: +44 20-7681-2357
Fax: +44 20-7681-2357
www.3DEfilms.com

AMC Loews Metreon 16 & IMAX
101 Fourth St
San Francisco, CA 94103 USA
Tel: 415-369-6201
www.amctheatres.com/

AMC Universal Citywalk Stadium 19 & IMAX
100 Universal City Plaza
Universal City, CA 91608 USA
www.amctheatres.com/

Atlantic Productions
Brook Green House
4 Rowan Road, Hammersmith
London, W6 7DU UNITED KINGDOM
Tel: +44 20 8735 9300
Fax: +44 20 8735 9333
www.atlanticproductions.co.uk

Bad Robot
1221 Olympic Blvd
Santa Monica, CA 90404 USA
Tel: 310 664 3456
Fax: 310 664 3457
www.badrobot.com/

BBC Earth
Media Centre, 201 Wood Lane
2nd Floor, MC2C6
London, W12 7TQ UNITED KINGDOM
http://bbcearth.com/

BIG & Digital **B&D**
2900 Sunridge Heights Pkwy., #1218
Henderson, NV 89052 USA
Tel: 502-212-1559
http://biganddigital.com/

Brand USA
1725 Eye Street NW, Eighth Floor
Washington, DC 20006 USA
Tel: 202-536-2060
www.thebrandusa.com

Branson's IMAX Entertainment Complex
3562 Shepherd of the Hills Expressway
Branson, MO 65616 USA
Tel: 417-335-3533
Fax: 417-336-5348
www.bransonimax.com

Broad Green Pictures **BGP**
6555 W. Barton Avenue, Second Floor
Los Angeles, CA 90038 USA
www.broadgreen.com/

Bullock Texas State History Museum
1800 N Congress Avenue
Austin, TX 78701 USA
Tel: 512-936-4600
Fax: 512-475-3366
www.thestoryoftexas.com/

California Science Center
700 Exposition Park Drive
Los Angeles, CA 90037-1210 USA
Tel: 213-744-7400
Fax: 213-744-2034
www.californiasciencecenter.org

Camera Lucida Productions
89, rue Oberkampf
Paris, 75011 FRANCE
Tel: 33-1-49 29 51 90
www.cameralucida.fr/
Chickasaw Cultural Center
867 Charles Cooper Memorial Rd
Sulphur, OK 73086 USA
Tel: 580-622-7130
www.chickasawculturalcenter.com

Cinema Development Company
3363 Enterprise Avenue
Hayward, CA 94545 USA
Tel: 510-783-7028
Fax: 510-783-7029
www.cinemadevelopmentcompany.com

Cinema Group, Inc. **CGI**
464 S. Ranch Drive
Alpine, UT 84004 USA
Tel: 801-772-0860

Clay Center for the Arts and Sciences
One Clay Square
Charleston, WV 25301 USA
Tel: 304-561-3500
Fax: 304-561-3598
www.theclaycenter.org/

Colossus Productions
Brook Green House
4 Rowan Road, Hammersmith
London, W6 7DU UNITED KINGDOM
Tel: +44 20 8735 9300
www.colossusproductions.co.uk/

Columbia Pictures **COL**
10202 W. Washington Blvd.
Culver City, CA 90232 USA
www.sonypictures.com/

Cook Center, Navarro College
3100 W. Collin
Corsicana, TX 75110 USA
Tel: 903-874-1211
Fax: 903-874-1264
www.cookplanetarium.us/

Cosmic Picture
6000 3E Avenue
Montreal, QC H1Y 2X3 CANADA
Tel: 514-279-0046

Cradle of Aviation Museum
One Davis Avenue
Garden City, NY 11530 USA
Tel: 516-572-4111
www.cradleofaviation.org

DC Entertainment
1700 Broadway, 7th Fl
New York, NY 10019 USA
Tel: 212 636 5400
www.dccomics.com

December Media
Level 1, 462 City Rd
South Melbourne, Victoria 3205 AUSTRALIA
Tel: +61-3-9699 8911
Fax: +61-3-9699-8611
www.decembermedia.com.au

Denver Museum of Nature and Science
2001 Colorado Boulevard
Denver, CO 80205-5732 USA
Tel: 303-322-7009
Fax: 303-370-6044
www.dmns.org/

Destination Cinema, Inc.
4155 Harrison Boulevard, Ste 210
Ogden, UT 84403 USA
Tel: 801-392-2001
Fax: 801-392-6703
www.destinationcinema.com

Discovery Communications, Inc.
One Discovery Place
Silver Spring, MD 20910-3354 USA
Tel: 240-662-0000
www.discovery.com/

Dongguan Changan Wanda IMAX
No.1 Middle of Dongmen Rd.
Changhan Dist.
Dongguan, 523000 CHINA
Tel: +86-76981625588
www.wandafilm.com/

Ecocine Verdon **EV**
Avenue Pierre Brossolette
Gréoux-les-Bains, 04800 FRANCE
Tel: +44 04 92 79 82 18
http://ecocine.fr/

Entergy Giant Screen Theatre
1 Canal Street
New Orleans, LA 70130 USA
Tel: 504-565-3033
Fax: 504-565-3010
www.audubooninstitute.org

Eugenides Planetarium
387 Sygrou Avenue
Paleo Faliro
Athens, 17564 GREECE
Tel: +30-1-941-1181
Fax: +30-1-943-171
www.eugenfound.edu.gr

Evans & Sutherland
770 Komas Drive
Salt Lake City, UT 84108-1229 USA
Tel: 801-588-1000
Fax: 801-588-4500
www.es.com

Fiske Planetarium
2414 Regent Dr.
Boulder, CO 80309 USA
Tel: 303-492-5002
http://fiske.colorado.edu/beta/

Foxfire Interactive Corporation
500 East Washington St, Suite 30
North Attleboro, MA 02760 USA
Tel: 508-699-6650
Fax: 508-699-6651
www.foxfireinteractive.com

Fukui Children's Science Centre
3-1 Higashi Taro Maru
Harue-cho
Sakai-gun, Fukui Pref. 919-0475 JAPAN
Tel: +81-776-51-8000
Fax: +81-776-51-6666
www.angelland.or.jp/

Gateway Arch
707 North First Street
Saint Louis, MO 63102 USA
Tel: 314-982-1545
Fax: 314-982-1432
www.nps.gov/jeff/

Giant Screen Cinema Association
624 Holly Springs Road Suite 243
Holly Springs, NC 27540 USA
Tel: 919-346-1123
www.giantscreencinema.com

Giant Screen Films **GSF**
990 Grove St., Suite 200
Evanston, IL 60201 USA
Tel: 847-475-9140
Fax: 847-475-9145
www.gsfilms.com

Golden Gate 3D
300 California Avenue
Building Two, Treasure Island
San Francisco, CA 94130 USA
Tel: 415-779-4433
http://gg3d.com/

Goto Optical Manufacturing Co.
4-16 Yazaki-cho
Fuchu-shi
Tokyo, 183-8530 JAPAN
Tel: +81-423-62 5311
Fax: +81-423-61 9571

Happy Planet Productions
7058 Bianca Ave.
Lake Balboa, CA USA
Tel: 818-207-3037
http://happyplanetproductions.org

Hearst Castle Theater
PO Box 160
100 Hearst Castle Road
San Simeon, CA 93452 USA
Tel: 805-927-6811
Fax: 805-927-6701
http://hearstcastle.org/theater/

Houston Museum of Natural Science
5555 Hermann Park Drive
Houston, TX 77030-1799 USA
Tel: 713-639-4600
Fax: 713-523-4125
www.hmns.org

IMAX 3D Theatre Sinsheim
Obere Au 2
Sinsheim, 74889 GERMANY
Tel: +49-7261-92990
Fax: +49-7261-13916
www.technik-museum.de

Imax Corporation **IMAX**
2525 Speakman Drive
Mississauga, ON L5K 1B1 CANADA
Tel: 905-403-6500
Fax: 905-403-6450
www.imax.com

IMAX Theatre Melbourne
Rathdowne Street-Carlton Gardens
GPO Box 666E
Melbourne, Victoria 3053 AUSTRALIA
Tel: +61-3-9656-8633
Fax: +61-3-9663-5554
www.imaxmelbourne.com.au/

IMAX Victoria In the Royal BC Museum
675 Belleville Street
Victoria, BC V8W 1A1 CANADA
Tel: 250-953-4629
Fax: 250-480-4830
www.imaxvictoria.com

IMERSA
, USA
www.imersa.org

Indiana State Museum
650 W. Washington St.
Indianapolis, IN 46204 USA
Tel: 317-233-4629
Fax: 317-233-2438
www.inwhiteriver.com

International Planetarium Society
317 Flanagan Hall
East Carolina University
Greenville, NC 27858 USA
Tel: 252-328-9365
Fax: 252-328-9371
www.ips-planetarium.org

K2 Communications **K2**
880 Apollo Street, Suite 239
El Segundo, CA 90245 USA
Tel: 310-524-9100
Fax: 310-524-1540
www.k2communications.com/

Kenner Planetarium & MegaDome Cinema
2020 Fourth Street, Rivertown
Kenner, LA 70062 USA
Tel: 504-468-7231
www.kenner.la.us/

Liaoning Science & Technology Museum
No. 159, Hunnanzhihuisan Street
Shenyang, 110166 CHINA
Tel: +86 024 23785357
www.lnkjg.cn/

Lionsgate **LG**
2700 Colorado Ave., Suite 200
Santa Monica, CA 90404 USA
Tel: 310-255-3700
Fax: 310-255-3870
www.lionsgate.com

Loch Ness Productions
P. O. Box 924
Nederland, CO 80466-0924 USA
Tel: 303-642-7250
Fax: 303-642-7249
www.lochnessproductions.com

Lootch
Krasnoyarsk, RUSSIA

LucasFilm Ltd.
PO Box 2009
San Rafael, CA 94912 USA
Tel: 415-662-1800
Fax: 415-662-2437
www.lucasfilm.com

MacGillivray Freeman Films, Inc. **MFF**
PO Box 205
Laguna Beach, CA 92652 USA
Tel: 949-494-1055
Fax: 949-494-2079
www.macfreefilms.com

Marbles Kids Museum
201 E. Hargett Street
Raleigh, NC 27601 USA
Tel: 919-834-4040
Fax: 919-834-3516
www.marbleskidsmuseum.org/

Marvel Studios
1600 Rosecrans Ave
Manhattan Beach, CA 90266-3708 USA
Tel: 310-550-3100
www.marvel.com/

Master's Digital, Inc.
8867 Forest Park Dr
Saanichton, BC V8L 5A7 CANADA
Tel: 250-412-2629
www.mastersdigital.com/

Metro-Goldwyn-Mayer **MGM**
245 N Beverly Dr
Beverly Hills, CA 90210 USA
Tel: 310 449 3000
www.mgm.com/

Milwaukee Public Museum
800 West Wells Street
Milwaukee, WI 53233-2309 USA
Tel: 414-278-2700
Fax: 414-278-6100
www.mpm.edu/

Moody Gardens
1 Hope Blvd.
Galveston, TX 77554 USA
Tel: 409-744-4673
www.moodygardens.com

Museum of Discovery and Science
401 SW Second St.
Fort Lauderdale, FL 33312 USA
Tel: 954-467-6637
Fax: 954-467-0046
www.mods.org

N3D Land Films
10 place du theatre
Sevres, 92310 FRANCE
Tel: + 33-6 88 88 87 78
www.n3dland.com/

National Air and Space Museum
6th& Independence Ave. SW
Washington, DC 20560 USA
Tel: 202-357-1675
Fax: 202-357-1652
www.nasm.si.edu/

National Film Board of Canada
3155 Cote de Liesse Road
Saint Laurent, QC H4N 2N4 CANADA
Tel: 514-283-9441
Fax: 514-496-1895
www.nfb.ca

National Geographic Studios
1145 17th Street, NW
Washington, DC 20036 USA
Tel: 202-857-7665
Fax: 202-775-6517
http://movies.nationalgeographic.com/movies/

National Geographic Studios Distribution **NGD**
161 6th Avenue, 15th Floor
New York, NY 10013 USA
Tel: 212-224-8468
Fax: 212-741-0374
http://movies.nationalgeographic.com/movies/

National Infantry Museum
1775 Legacy Way
Columbus, GA 31903 USA
Tel: 706-545-2958
Fax: 706-545-5158
www.nationalinfantrymuseum.org/

National Media Museum
Bradford
Bradford, BD1 1NQ UNITED KINGDOM
Tel: +44-870-701-0200
Fax: +44-1-274-723-155
www.NationalMediaMuseum.org.uk

National Naval Aviation Museum
1750 Radford Ave.
NAS Pensacola, FL 32508 USA
Tel: 800-327-5002
Fax: 850-457-3032
www.navalaviationmuseum.org #

National Science and Technology Museum
No. 720 Jiuru First Road, Sanmin District
Kaohsiung, 80733 TAIWAN
Tel: +886-7-380-0089
Fax: +886-7-387-8748
www.nstm.gov.tw

Niagara Falls Adventure Theater
Niagara Falls State Park
Niagara Falls, NY 14303 USA
www.niagarafallsstatepark.com/

Directory, cont'd

Niagara Falls IMAX
6170 Fallsview Boulevard
Niagara Falls, ON L2G 7T8 CANADA
Tel: 905-358-3611
Fax: 905-358-3613
www.imaxniagara.com/

No Final Frontier Productions, LLC
Fairfax, VA USA
www.lightspeedpioneers.com/

nWave Pictures
282 Rue Des Allies
Brussels, B-1190 BELGIUM
Tel: +32 2 347 63 19
Fax: +32 2 347 24 54
www.nwave.com

Osaki Life Learning Center, Japan
111-1 Kamenoko Inaba Aza
Furukawa-shi, Miyagi Pref. 989-6135 JAPAN
Tel: +81-229-91-8611
Fax: +81-229-91-8264
www.palette.furukawa.miyagi.jp/

Pacific Science Center
200 Second Avenue North
Seattle, WA 98109 USA
Tel: 206-443-2001
Fax: 206-443-3631
www.pacsci.org

Papalote Museo del Nino
Linea Papalote 8191, 8192
Monterrey, NL MEXICO
www.papalotemonterrey.org.mx/

Paramount Pictures Corporation **PPC**
5555 Melrose Avenue
Hollywood, CA 90038-3197 USA
Tel: 323-956-5000
www.paramount.com

Pathé
5, boulevard Malesherbes
Paris, 75008 FRANCE
Tel: +33 1 49 24 43 33
Fax: +33 1 49 24 41 00
www.pathe.com

Pixar Animation Studios
1200 Park Avenue
Emeryville, CA 94608 USA
Tel: 510-922-3000
Fax: 510-922-3151
www.pixar.com

Primesco Communications, Inc. **PCI**
4342 Sherbrooke West
Montreal, QC H3Z 1E3 CANADA
Tel: 514-874-9551
Fax: 514-874-9068
www.primesco.com/medias/unf.htm

Rochester Museum and Science Center
657 East Avenue
Rochester, NY 14607 USA
Tel: 585-271-4320
Fax: 585-271-6585
www.rmsc.org/

Rutgers University
71 Dudley Road
New Brunswick, NJ 08901 USA
Tel: 732-932-6555
Fax: 732-932-6557
www.rutgers.edu

Science Museum of Minnesota
120 W. Kellogg Blvd.
Saint Paul, MN 55102 USA
Tel: 651-221-9444
Fax: 651-221-9433
www.smm.org

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Classified Ads

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  - Survey theaters for the purposes of taking measurements, quoting jobs and checking in on current customers
- When not on the road, the technician will perform repair and preparation work in the local (Chicago) headquarters office, interacting with the rest of the leadership team

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SHORTS

IMERSA Summit preview

IMERSA, the association of Immersive Media Entertainment, Research, Science, and Arts, will host its seventh annual Summit in Denver, CO, March 16–20. More than 200 people are expected for the meeting, which will include screenings of more than 20 fulldome shows, at least two live performances, panel discussions, workshops, "making of" sessions, keynote speeches, a trade show, and an awards presentation at which **Greg MacGillivray** will receive a lifetime achievement award.

The meeting is being hosted by the **Denver Museum of Nature and Science**, whose **Gates Planetarium** will present most of the fulldome shows. On the final day, attendees will travel to the **Fiske Planetarium** and the University of Colorado, Boulder, about an hour away, for presentations using its **Sky-Skan** "8K" fulldome system.

Carolyn Collins Petersen, of **Loch Ness Productions**, describes the keynote speakers: "**JoAnn Kuchera-Morin** is from **University of California, Santa Barbara** and has been doing some seminal work in the dome space, and it should be a pretty interesting talk. **Jenny Carden** is an exciting new artist in immersive spaces, and **David McConville** has a long history in the dome and immersive spaces. They should set some pretty high bars for the rest of us to leap over." She adds that virtual reality "is a big part of the meeting this year and we're looking forward to seeing what synergies will result when we mix the immersive cultures together!"

For more information and to register, visit imersa.org.

Imax's DMR results and deals

Star Wars: The Force Awakens had earned over $200 million in IMAX theaters by late January, 35 days after it opened in mid-December. As of Jan. 25, the film had grossed $207.5 million in 950 locations worldwide, with a few weeks left in its run. (As this issue went to press in late February, **Imax Corporation** had not disclosed the film's final total, or whether it had exceeded the previous record of $243 million set by ***Avatar*** in 2010.)

Imax also announced that the next ***Spider-Man*** film from **Marvel Studios** and **Sony Pictures** will be released in an IMAX 3D version on July 7, 2017. The film will star **Tom Holland** in the title role and will be directed by **Jon Watts**.

The Denver Museum of Nature and Science will host the IMERSA Summit in March.

National Parks opens wide

MacGillivray Freeman Films' ***National Parks Adventure*** opened on Feb. 12 in 39 theaters, one of the largest simultaneous openings for an original GS film in recent memory. It has garnered wide critical acclaim from the *Los Angeles Times* ("eye-popping footage"), *The Hollywood Reporter* ("exhilarating"), CNN ("mind-blowing"), Associated Press ("heart-thumping"), and many others. MFF says the film will open in nearly 100 theaters this year.

Produced in association with **Brand USA** and supported by **Expedia** and **Subaru of America**, *National Parks Adventure* celebrates the 100th anniversary in 2016 of the U.S. National Parks, established by President Theodore Roosevelt. It was directed by **Greg MacGillivray** and produced by **Shaun MacGillivray**, with major support from the **Giant Dome Theater Consortium**. It is narrated by **Robert Redford** and features **Conrad Anker**, **Max Lowe**, and **Rachel Pohl**.

Superpower Dogs under way

Cosmic Picture has begun preproduction on ***Superpower Dogs***, a giant-screen film about "extraordinary dogs that fight crime and save lives," according to a press release. The film is being produced by the team that made 2013's ***Jerusalem:*** writer and director **Daniel Ferguson** and producers **Taran Davies**, **George Duffield**, and **Dominic Cunningham-Reid**. The film is supported by the **California Science Center**, where is will premiere in 2018.

"The film follows five real-life canine superheroes and their human partners as they brave earthquakes and avalanches, bring animal poachers to justice, protect us from danger, and lift our spirits." Scouting and casting began in January at the training course for the Canadian Avalanche Rescue Dog Association in Whistler, BC, and filming will begin later this year and continue into 2017 in Italy, Kenya, Switzerland, Canada, and the U.S.

Ferguson's film nominated

Daniel Ferguson, director of the giant-screen ***Jerusalem*** (2013), has been nominated for three **Canadian Screen Awards** for ***Last of the Elephant Men***, a non-GS documentary he co-directed with **Arnaud**

*(see **SHORTS** on page 16)*